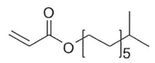
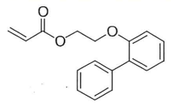
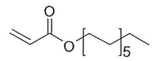
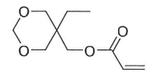
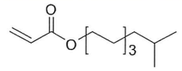
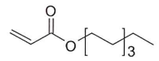
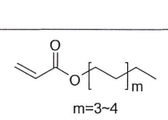
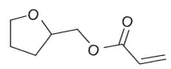
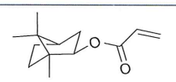
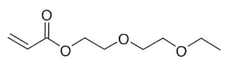
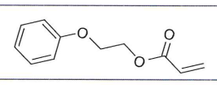
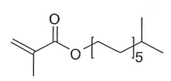
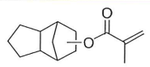
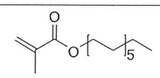
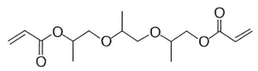
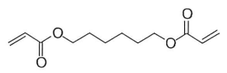
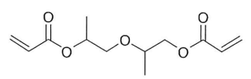
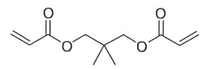
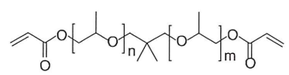
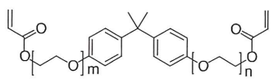
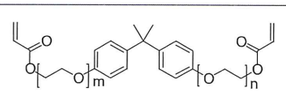
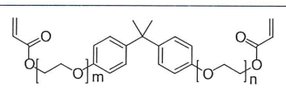
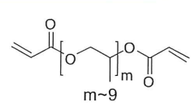
(A) Mono-Functional Monomers

低金属不純物品をお求めの際は、弊社にお問い合わせ頂けますと幸いでございます。

Product Name	Chemical Name	Structure Fomula	Molecular Weight	APHA max.	Refractive Index	Inhibitor MEHQ.ppm	Acid Value mgKOH/g max.	Specific Gravity 25°C	Dyne/cm	Viscosity 25°C,cps	Features
GM61H0A	Isotridecyl Acrylate ITDA		255	50	1.446	100 ~ 300	0.5	0.700 ~ 0.900	-	3 ~ 12	Flexibility Low odour Low shrinkage Low Tg
GM61HR0	O-phenylphenoxyethyl Acrylate OPPEOA		268	100	1.576	100 ~ 400	0.5	1.130 ~ 1.150	40.6	120 ~ 150	High refractive index Low skin irritation Low odour
GM61J00	Lauryl Acrylate LA		240	50	1.444	100 ~ 200	0.5	0.700 ~ 0.900	29.0	1 ~ 10	Flexibility Hydrophobicity Low shrinkage Low surface tension
GM61K00	Cyclic Trimethylolpropane Formal Acrylate CTFA		200	50	1.467	150 ~ 350	0.3	1.050 ~ 1.110	35.5	10 ~ 20	Adhesion on plastic and metal substrates Flexibility Low odour Non-yellowing
GM61M00	Isodecyl Acrylate IDA		212	100	1.435	100 ~ 300	0.5	0.840 ~ 0.900	27.1	1 ~ 20	Adhesion Low surface tension Flexibility Diluting power Pigment dispersion Hydrophobicity
GM61N00	Octyl Acrylate OA		184	60	1.435	100 ~ 600	0.2	0.860 ~ 0.890	27.0	2 ~ 10	Flexibility Low shrinkage Wettability Hydrophobicity
GM61NM0	Octyl decyl Acrylate ODA	 m=3~4	184 ~ 212	60	1.434	100 ~ 600	0.3	0.860 ~ 0.890	27.2	2 ~ 10	Flexibility Low shrinkage Wettability Hydrophobicity
GM61P00	Tetrahydrofurfuryl Acrylate THFA		156	80	1.458	400 ~ 800	0.5	1.060 ~ 1.080	35.0	3 ~ 12	Adhesion on plastic substrates Diluting power Chemical resistance Hydrophobicity
GM61Q00	Isobornyl Acrylate IBOA		208	30	1.474	100 ~ 300	0.7	0.980 ~ 1.000	29.5	5 ~ 15	Adhesion Low odour High Tg Hydrophobicity
GM61W00	2-(2-Ethoxyethoxy)Ethyl Acrylate EOEOEA		188	100	1.435	200 ~ 600	0.5	1.010 ~ 1.030	31.2	3 ~ 8	Adhesion on plastic substrates Diluting power Flexibility Low shrinkage
GM61Z00	2-Phenoxy Ethyl Acrylate 2-PEA		192	120	1.515	200 ~ 600	0.5	1.070 ~ 1.120	38.5	5 ~ 15	Hardness Adhesion Diluting power
GM81H0A	Isotridecyl Methacrylate ITDMA		269	50	1.448	100 ~ 200	0.5	0.860 ~ 0.900	29.0	2 ~ 10	Flexibility Low odour Low shrinkage Low Tg
GM81HDA	Dicyclopentanyl Methacrylate HDCPMA		220	100	1.495	20 ~ 80	0.1	1.030 ~ 1.050	39.0	7 ~ 17	High purity Adhesion Weatherability Low shrinkage
GM81J00	Lauryl Methacrylate LMA		255	100	1.442	100 ~ 600	0.1	0.860 ~ 0.890	28.9	1 ~ 10	Low shrinkage Weatherability Flexibility Hydrophobicity

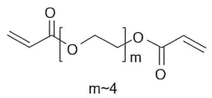
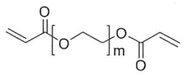
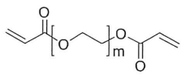
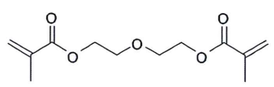
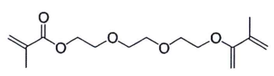
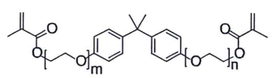
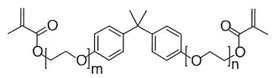
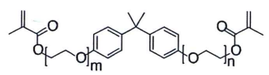
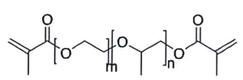
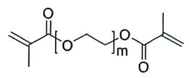
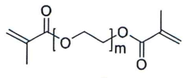
(B) Di-Functional Monomers

低金属不純物品をお求めの際は、弊社にお問い合わせ頂けますと幸いでございます。

Product Name	Chemical Name	Structure Fomula	Molecular Weight	APHA max.	Refractive Index	Inhibitor MEHQ,ppm	Acid Value mgKOH/g max.	Specific Gravity 25°C	Dyne/cm	Viscosity 25°C,cps	Features
GM62A00	Tripropylene Glycol Diacrylate TPGDA		300	100	1.448	200 ~ 1,000	0.1	1.030 ~ 1.050	32.0	10 ~ 18	Low cost General purpose Diluting power Reactivity
GM62B00	1,6-Hexanediol Diacrylate HDDA		226	60	1.457	100 ~ 300	0.1	1.010 ~ 1.030	34.4	5 ~ 10	Adhesion on plastic substrates Low viscosity Reactivity Chemical resistance Hydrophobicity and heat resistance Weatherability
GM62D00	Dipropylene Glycol Diacrylate DPGDA		242	40	1.449	400 ~ 800	0.5	1.040 ~ 1.100	32.4	7 ~ 13	Adhesion Low viscosity Reactivity Chemical resistance Hydrophobicity and heat resistance
GM62E00	Neopentyl Glycol Diacrylate NPGDA		212	40	1.450	50 ~ 200	0.5	1.010 ~ 1.040	31.0	5 ~ 15	Reactivity Low viscosity Chemical resistance
GM62E2P	Propoxylated(2) Neopentyl Glycol Diacrylate NPG(2)PODA	 l+m=2	328	60	1.446	100 ~ 400	0.5	0.900 ~ 1.100	30.1	10 ~ 20	Adhesion Low viscosity Levability Low shrinkage Diluting power Wettability
GM62R0E	Ethoxylated(10) Bisphenol-A Diacrylate BPA(10)EODA	 m+n=10	776	60	1.515	100 ~ 600	0.2	1.110 ~ 1.170	43.0	350 ~ 800	Low shrinkage Hydrophobicity/hydrophilicity balance Flexibility
GM62R2E	Ethoxylated(2) Bisphenol-A Diacrylate BPA(2)EODA	 m+n=2	424	100	1.55	100 ~ 300	0.2	-	-	-	Adhesion Low shrinkage Chemical resistance and heat resistance Hydrophobicity and scratch resistance
GM62R3E	Ethoxylated(3) Bisphenol-A Diacrylate BPA(3)EODA	 m+n=3	468	100	1.543	200 ~ 800	0.1	1.140 ~ 1.180	42.1	1,400 ~ 2,000	Adhesion Low shrinkage Chemical resistance and heat resistance Hydrophobicity and scratch resistance
GM62R4E	Ethoxylated(4) Bisphenol-A Diacrylate BPA(4)EODA	 m+n=4	512	150	1.536	200 ~ 800	0.2	1.130 ~ 1.160	42.9	1,000 ~ 1,300	Adhesion Low shrinkage Hydrophobicity/hydrophilicity resistance
GM62S70	Polypropylene Glycol(700) Diacrylate PPG(700)DA	 m~9	808	70	1.451	50 ~ 120	0.2	1.010 ~ 1.020	-	50 ~ 90	Flexibility Hydrophilicity Low odour

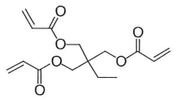
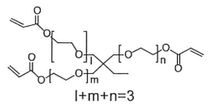
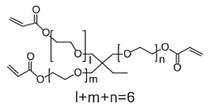
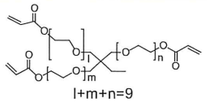
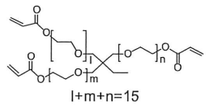
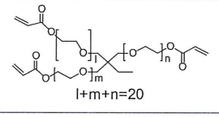
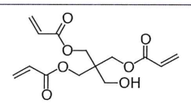
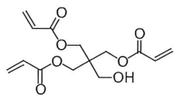
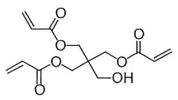
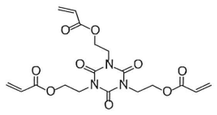
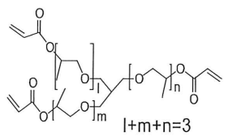
(B) Di-Functional Monomers

低金属不純物品をお求めの際は、弊社にお問い合わせ頂けますと幸いでございます。

Product Name	Chemical Name	Structure Fomula	Molecular Weight	APHA max.	Refractive Index	Inhibitor MEHQ,ppm	Acid Value mgKOH/g max.	Specific Gravity 25°C	Dyne/cm	Viscosity 25°C,cps	Features
GM62V20	Polyethylene Glycol(200) Diacrylate PEG(200)DA	 m~4	302	70	1.455	200 ~ 600	0.2	1.080 ~ 1.130	39.1	10 ~ 30	Adhesion Low volatility Flexibility
GM62V40	Polyethylene Glycol(400) Diacrylate PEG(400)DA	 m~9	508	100	1.465	300 ~ 800	0.2	1.110 ~ 1.150	40.0	30 ~ 70	Adhesion Low shrinkage Flexibility Hydrophilicity
GM62V60	Polyethylene Glycol(600) Diacrylate PEG(600)DA	 m~13	742	100	1.468	200 ~ 600	0.4	1.110 ~ 1.130	41.5	50 ~ 110	Adhesion Low shrinkage Flexibility Hydrophilicity
GM82I00	Diethylene Glycol Dimethacrylate DEGDMA		242	60	1.457	100 ~ 300	0.5	1.050 ~ 1.080	33.8	5 ~ 10	Adhesion Low viscosity High boiling point Adhesives and offset printing inks
GM82L00	Triethylene Glycol Dimethacrylate TEGDMA		286	80	1.458	100 ~ 300	0.5	1.060 ~ 1.080	34.6	5 ~ 15	Adhesion Low viscosity High boiling point Adhesives and offset printing inks
GM82R0E	Ethoxylated(10) Bisphenol-A Dimethacrylate BPA(10)EODMA	 m+n=10	808	60	1.511	150 ~ 250	0.5	1.110 ~ 1.150	42.0	200 ~ 700	Low shrinkage Hydrophilicity/hydrophobicity balance Heat resistance
GM82R2E	Ethoxylated(2) Bisphenol-A Dimethacrylate BPA(2)EODMA	 m+n=2	424	100	1.550	100 ~ 300	0.5	-	-	-	Adhesion Low shrinkage Chemical resistance and heat resistance Hydrophobicity and scratch resistance
GM82R4E	Ethoxylated(4) Bisphenol-A Dimethacrylate BPA(4)EODMA	 m+n=4	532	100	1.532	150 ~ 250	0.5	1.110 ~ 1.130	39.4	500 ~ 800	Adhesion Low shrinkage Hydrophobicity/hydrophilicity balance
GM82PE0	Propoxylated(12)Ethoxylated(6) Dimethacrylate (12)PO(6)EODMA	 m~6 n~12	1,296	150	1.485	80 ~ 120	0.1	1.020 ~ 1.040	34.6	70 ~ 120	Low volatility Reactivity Hydrophobicity/hydrophilicity balance Dry film photoresist
GM82V20	Polyethylene Glycol(200) Dimethacrylate PEG(200)DMA	 m~4	336	60	1.464	100 ~ 300	0.5	1.070 ~ 1.090	34.6	10 ~ 18	Adhesion Low volatility Flexibility
GM82V40	Polyethylene Glycol(400) Dimethacrylate PEG(400)DMA	 m~9	536	60	1.464	400 ~ 600	0.5	1.090 ~ 1.110	34.6	35 ~ 50	Adhesion Low shrinkage Flexibility Hydrophilicity

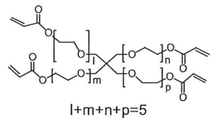
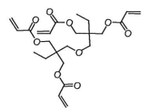
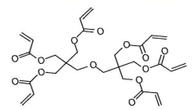
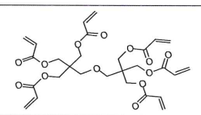
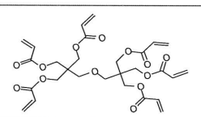
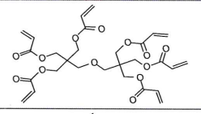
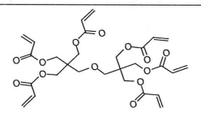
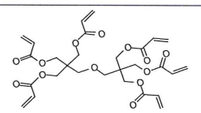
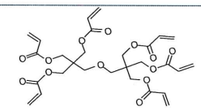
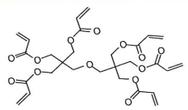
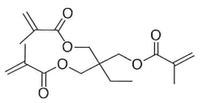
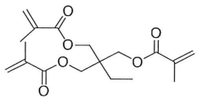
(C) Multi-Functional Monomers

低金属不純物品をお求めの際は、弊社にお問い合わせ頂けますと幸いでございます。

Product Name	Chemical Name	Structure Fomula	Molecular Weight	APHA max.	Refractive Index	Inhibitor MEHQ,ppm	Acid Value mgKOH/g max.	Specific Gravity 25°C	Dyne/cm	Viscosity 25°C,cps	Features
GM63C00	Trimethylolpropane Triacrylate TMPTA		296	60	1.474	100 ~ 300	0.1	1.090 ~ 1.120	35.0	70 ~ 120	General purpose Reactivity Hardness Chemical resistance
GM63C3E	Ethoxylated(3) Trimethylolpropane Triacrylate TMP(3)EOTA	 l+m+n=3	428	50	1.471	300 ~ 600	0.5	1.060 ~ 1.120	36.9	40 ~ 80	Reactivity Hardness Chemical resistance
GM63C6E	Ethoxylated(6) Trimethylolpropane Triacrylate TMP(6)EOTA	 l+m+n=6	560	100	1.469	100 ~1,100	0.5	1.100 ~ 1.150	38.1	70 ~ 100	Reactivity / Flexibility balance Gloss
GM63C9E	Ethoxylated(9) Trimethylolpropane Triacrylate TMP(9)EOTA	 l+m+n=9	692	100	1.469	100 ~ 380	0.5	1.090 ~ 1.130	39.1	80 ~ 130	Low shrinkage Low irritation Flexibility Hydrophilicity
GM63CFE	Ethoxylated(15)Trimethylolpropane Triacrylate TMP(15)EOTA	 l+m+n=15	956	150	1.469	300 ~ 600	1.0	1.100 ~ 1.120	41.1	140 ~ 300	Low shrinkage Low irritation Flexibility Hydrophilicity
GM63CTE	Ethoxylated(20)Trimethylolpropane Triacrylate TMP(20)EOTA	 l+m+n=20	1,176	60	1.470	300 ~ 700	0.5	1.100 ~ 1.150	43.0	200 ~ 300	Low shrinkage Low irritation Flexibility Hydrophilicity
GM63F00	Pentaerythritol Triacrylate PETIA		296	80	1.484	300 ~ 1,100	2.0	1.150 ~ 1.210	38.0	550 ~ 750	Reactivity Hardness Chemical resistance Dual cure system
GM63F0A	Pentaerythritol Triacrylate PETIA		296	60	1.484	300 ~ 1,100	0.5	1.150 ~ 1.210	38.0	550 ~ 750	Reactivity Hardness Chemical resistance Dual cure system No crystallization at low temperature Low acid value
GM63F0H	Pentaerythritol Triacrylate PETIA		296	60	1.484	300 ~ 1,100	5.0	1.150 ~ 1.210	38.0	650 ~ 1,200	Reactivity Hardness Chemical resistance Dual cure system High acid value Resin synthesis
GM63T00	Tri(2-Hydroxy Ethyl) Isocyanurate Triacrylate THEICTA		423	100	1.465	300 ~ 1,200	1.0	N / A	N/A	N / A	Adhesion on plastic substrates High Tg Scratch resistance
GM63X00	Propoxylated (3)Glyceryl Triacrylate GPTA	 l+m+n=3	428	100	1.461	200 ~ 500	0.5	1.080 ~ 1.110	34.2	70 ~ 100	Low viscosity Reactivity Offset printing inks

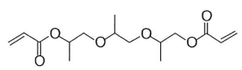
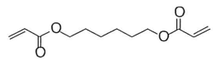
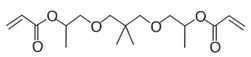
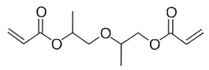
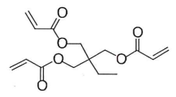
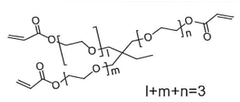
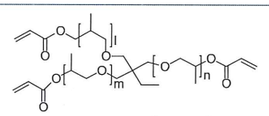
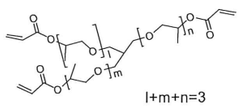
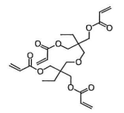
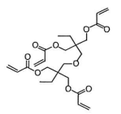
(C) Multi-Functional Monomers

低金属不純物品をお求めの際は、弊社にお問い合わせ頂けますと幸いでございます。

Product Name	Chemical Name	Structure Fomula	Molecular Weight	APHA max.	Refractive Index	Inhibitor MEHQ,ppm	Acid Value mgKOH/g max.	Specific Gravity 25°C	Dyne/cm	Viscosity 25°C,cps	Features
GM64F5E	Ethoxylated(5) Pentaerythritol Tetraacrylate PPTTA	 l+m+n+p=5	550	60	1.475	200 ~ 600	1.0	1.120 ~ 1.160	38.6	110 ~ 200	Scratch resistance Flexibility Chemical resistance Low viscosity Reactivity
GM64U00	Ditrimethylolpropane Tetraacylate Di-TMPTA		482	3 (G)	1.478	100 ~ 1,600	5.0	1.050 ~ 1.150	35.1	800 ~ 1,500	Adhesion, Reactivity Chemical resistance Scratch resistance
GM66G00	Dipentaerythritol Hexaacrylate DPHA		578	100	1.496	300 ~ 900	0.1	1.110 ~ 1.200	42.0	4,000 ~ 7,000	High reactivity High hardness Scratch resistance
GM66G0A	Dipentaerythritol Hexaacrylate DPHA		N/A	100	1.496	300 ~ 900	0.5	1.100 ~ 1.200	41.0	4,000 ~ 7,000	High hydroxy value No crystallization at low temperature Synthesis application
GM66G0C	Dipentaerythritol Hexaacrylate DPHA		578	100	1.496	300 ~ 900	0.5	1.110 ~ 1.200	42.0	4,000 ~ 7,000	Reactivity Hardness No crystallization at low temperature
GM66G0H	Dipentaerythritol Hexaacrylate DPHA		578	100	1.496	300 ~ 900	0.1	1.110 ~ 1.200	42.0	7,000 ~ 10,000	High reactivity High hardness Scratch resistance Higher viscosity
GM66G0L	Dipentaerythritol Hexaacrylate DPHA		578	100	1.496	300 ~ 900	0.1	1.110 ~ 1.200	41.0	7,000 ~ 10,000	High reactivity High hardness Scratch resistance Higher viscosity
GM66G0P	Dipentaerythritol Hexaacrylate DPHA		N/A	100	1.496	300 ~ 900	0.1	1.100 ~ 1.200	44.0	4,000 ~ 7,000	High hydroxy value No crystallization at low temperature Synthesis application Low ion concentration
GM66G0M	Dipentaerythrtiol Hexaacrylate DPHA		578	100	1.496	300 ~ 900	0.1	1.110 ~ 1.200	42.0	4,000 ~ 7,000	High reactivity High hardness Scratch resistance No crystallization at low temperature
GM66G0X	Dipentaerythritol Pentaacrylate DPPA		578	100	1.469	300 ~ 900	0.1	1.110 ~1.200	42.0	10,000 ~ 15,000	High reactivity High hardness Scratch resistance High viscosity Highly esterfied
GM83C00	Trimethylolpropane Trimethacrylate TMPTMA		338	70	1.470	100 ~ 300	0.1	1.050 ~ 1.080	32.2	35 ~ 50	Low irritation Reactivity Hardness Chemical resistance
GM83C0Q	Trimethylolpropane Trimethacrylate TMPTMA		338	100	1.470	80 ~ 150 (HQ)	0.1	1.050 ~ 1.080	32.2	35 ~ 50	Low irritation Reactivity Hardness Chemical resistance

(D) Toluene-Free Monomers

低金属不純物品をお求めの際は、弊社にお問い合わせ頂けますと幸いでございます。

Product Name	Chemical Name	Structure Fomula	Molecular Weight	APHA max.	Refractive Index	Inhibitor MEHQ,ppm	Acid Value mgKOH/g max.	Specific Gravity 25°C	Dyne/cm	Viscosity 25°C,cps	Features
GM62A0F	Tripropylene Glycol Diacrylate TPGDA-TF		300	100	1.448	200 ~ 1,000	0.1	1.030 ~ 1.050	32.0	10 ~ 18	Low cost General purpose Diluting power Reactivity
GM62B0F	1,6-Hexanediol Diacrylate HDDA-TF		226	60	1.457	100 ~ 300	0.1	1.010 ~ 1.030	34.4	5 ~ 10	Adhesion on plastic substrates Low viscosity Reactivity Chemical resistance Hydrophobicity and heat resistance Weatherability
GM62E2F	Propoxylated(2) Neopentyl Glycol Diacrylate NPG(2)PODA-TF		328	80	1.446	100 ~ 400	0.5	0.900 ~ 1.100	30.1	10 ~ 20	Adhesion Low viscosity Levability Low shrinkage Diluting power Wettability
GM62D0F	Dipropylene Glycol Diacrylate DPGDA-TF		242	40	1.449	400 ~ 800	0.5	1.040 ~ 1.100	32.4	7 ~ 13	Adhesion Low viscosity Reactivity Chemical resistance Hydrophobicity and heat resistance
GM63C0F	Trimethylolpropane Triacrylate TMPTA-TF		296	60	1.474	100 ~ 300	0.1	1.090 ~ 1.120	35.0	70 ~ 120	General purpose Reactivity Hardness Chemical resistance
GM63C3F	Ethoxylated(3) Trimethylolpropane Triacrylate TMP(3)EOTA-TF	 l+m+n=3	428	80	1.471	300 ~ 600	0.2	1.060 ~ 1.120	36.9	40 ~ 80	Reactivity Hardness Chemical resistance
GM63C3P	Propoxylated(3) Trimethylolpropane Triacrylate TMP(3)POTA	 l+m+n=3	470	100	1.459	400 ~ 600	0.5	1.040 ~ 1.070	32.8	70 ~ 100	Reactivity Hardness Chemical resistance Hydrophobicity
GM63X0F	Propoxylated (3)Glyceryl Triacrylate GPTA-TF	 l+m+n=3	428	100	1.461	200 ~ 500	0.5	1.080 ~ 1.110	34.2	70 ~ 100	Low viscosity Reactivity Offset printing inks
GM64U0A	Ditrimethylolpropane Tetraacylate Di-TMPTA		N/A	60	1.477	200 ~ 600	1.0	1.095 ~ 1.105	35.1	400 ~ 800	High reactivity High hardness Abrasion resistancw Chemical resistance
GM64U0F	Ditrimethylolpropane Tetraacylate Di-TMPTA-TF		482	3	1.476	100 ~ 1,000	5.0	1.050 ~ 1.150	35.1	800 ~ 1,200	High reactivity High hardness Abrasion resistancw Chemical resistance

A. Epoxy Acrylates

低金属不純物品をお求めの際は、弊社にお問い合わせ頂けますと幸いでございます。

Product Name	Chemical Name	Functionality	Color Gardner max.	Tg,°C	Acid Value mgKOH/g max.	Viscosity 25°C,cps	Reactivity	Flexibility	Chemical Resistance	Abrasion Resistance	Features
GU1160C	Phenol Novolac Epoxy Acrylate Diluted In 40% TMPTA	3	5	67	5	8,000 ~ 12,000	5	1	5	4	Heat resistance Hardness
GU1200W	Modified Bisphenol A Epoxy Diacrylate	2	3	51	5	10,000 ~ 30,000 (60°C)	2	4	4	4	Adhesion on metal and plastic substrates Low shrinkage
GU1280A	Modified Bisphenol A Epoxy Diacrylate Diluted In 20% TPGDA	2	2	51	5	30,000 ~ 50,000	2	4	4	4	Adhesion
GU1380A	Bisphenol A Epoxy Diacrylate Diluted In 20% TPGDA	2	1	60	1	22,000 ~ 42,000 (25°C)	3	2	5	3	General purpose Gloss
GU1400Z	Bisphenol A Epoxy Diacrylate	2	1	60	1	4,000 ~ 7,000 (60°C)	3	2	5	3	Gloss General purpose
GU1475A	Bisphenol A Epoxy Diacrylate Diluted In 25% TPGDA	2	1	N/A	2	10,000 ~ 12,000	4	3	5	4	Gloss
GU1480A	Bisphenol A Epoxy Diacrylate Diluted In 20% TPGDA	2	1	N/A	1	18,000 ~ 28,000	4	3	5	4	Gloss
GU1600Y	Fatty Acid Modified Bisphenol A Epoxy Diacrylate	2	3	56	3	160,000 ~ 260,000	4	3	3	3	Hydrophobicity / hydrophilicity balance Pigment Dispersion Litho inks and varnishes
GU1650X	Fatty Acid Modified Bisphenol A Epoxy Diacrylate Diluted In 50% GPTA	2	3	56	2	1,000 ~ 4,000	4	3	3	3	Hydrophobicity / hydrophilicity balance Pigment Dispersion Litho inks and varnishes
GU1700W	Aliphatic Epoxy Diacrylate	1	2	N/A	2	80 ~ 180	1	3	4	1	Adhesion on metal substrates
GU1700P	Aliphatic Epoxy Diacrylate	3	3	N/A	3	15,000 ~ 25,000	1	5	4	4	Adhesion on metal substrates
GU1700T	Aromatic Epoxy Acrylate	1	1	13	2	150 ~ 250	2	4	5	2	Weatherability Low shrinkage
GU1700Y	Aliphatic Epoxy Diacrylate	2	8	26	4	700 ~ 1,300	3	3	4	3	Adhesion on metal substrates Yellowing resistance
GU1700Z	Modified Bisphenol A Epoxy Diacrylate	2	1	26	1	25,000 ~ 35,000	3	3	4	3	Gloss Low viscosity
GU1800W	Epoxidized Soybean Oil Triacrylate	3	-	13	5	23,000 ~ 35,000	2	4	4	4	Pigment dispersion
GU1900W	Modified Bisphenol A Epoxy Diacrylate	2	2	52	3	5,000 ~ 9,000 (60°C)	4	5	4	5	Adhesion promotion
GU1900Z	Amine Modified Bisphenol A Epoxy Diacrylate	2	6	57	5	450,000 ~ 550,000	5	5	4	5	Adhesion on plastic substrates
GU5070D	Modified Bisphenol A Epoxy Diacrylate Diluted in 30% DPGDA and TMPTA	2	1	N/A	2	4,000 ~ 7,000	3	2	5	3	Silica dispersion Gloss

B. Full Acrylates

Product Name	Chemical Name	Functionality	Color Gardner max.	Tg,°C	Acid Value mgKOH/g max.	Viscosity 25°C,cps	Reactivity	Flexibility	Chemical Resistance	Abrasion Resistance	Features
GU2270B	Full Acrylate Resin	2	5	-40	1	3,000 ~ 5,000	1	5	3	3	Adhension on plastic substrates Compatibility with monomers Yellowing resistance
GU2300B	Full Acrylate Resin	2	1	5	5	20,000 ~ 50,000	1	5	3	3	Superior adhension on plastic
GU2500K	Full Acrylate Resin	2	3	30	1	15,000 ~ 25,000	2	4	4	1	Adhension on metal and plastic substrates
GU2600K	Full Acrylate Resin	2	3	15	1	14,000 ~ 21,000	1	5	3	3	Excellent adhension on plastic
GU2600Q	Full Acrylate Resin	1	3	15	1	7,000 ~ 9,000 (60°C)	1	5	3	3	Excellent adhension on plastic

C. Aliphatic Urethane Acrylates

低金属不純物品をお求めの際は、弊社にお問い合わせ頂けますと幸いでございます。

Product Name	Chemical Name	Functionality	Color Gardner, max.	Tg,°C	Viscosity 25°C,cps	Reactivity	Flexibility	Chemical Resistance	Abrasion Resistance	Features
GU3001Z	Aliphatic Urethane Diacrylate	2	2	-40	35,000 ~ 65,000 (60°C)	1	5	3	4	Adhesion Vacuum plating primer
GU3010Z	Aliphatic Urethane Diacrylate	2	2	-37	10,000 ~ 30,000	1	5	3	3	High elongation rate
GU3030Z	Aliphatic Urethane Diacrylate	2	2	-39	20,000 ~ 50,000	1	5	3	4	High elongation rate
GU3100W	Aliphatic Urethane Hexaacrylate	6	2	N/A	20,000 ~ 40,000	2	4	3	3	Water solubility UV ink application PUD formulation
GU3100Y	Aliphatic Urethane Diacrylate	2	2	48	35,000 ~ 80,000 (40°C)	2	4	3	3	Water solubility Waterborne screen inks and primer coats on wood flooring
GU3100Z	Aliphatic Urethane Diacrylate	2	2	N/A	20,000 ~ 50,000	2	4	3	3	Water solubility Hardness Primer on wood substrates
GU3185B	Aliphatic Urethane Diacrylate Diluted In 15% HDDA	2	2	33	30,000 ~ 50,000	2	4	3	3	Weatherability Wood and plastic general purpose coating
GU3285A	Aliphatic Urethane Diacrylate Diluted In 15% TPGDA	2	2	4	100,000 ~ 170,000	2	3	3	3	Weatherability PVC leather coating
GU3290M	Aliphatic Urethane Diacrylate Diluted In 10% HEMA	2	2	-25	80,000 ~ 110,000	2	3	4	4	Nail polish
GU3300W	Aliphatic Urethane Diacrylate	2	2	-27	55,000 ~ 75,000	2	5	3	3	Sealers and fillers application
GU3300Z	Aliphatic Urethane Diacrylate	2	2	-37	40,000 ~ 70,000 (60°C)	2	5	3	4	Adhesion High elongation rate Yellowing resistance
GU3315Z	Aliphatic Urethane Diacrylate	2	2	N/A	15,000 ~ 25,000 (60°C)	2	4	3	3	Adhesion
GU3370A	Aliphatic Urethane Diacrylate Diluted In 30% TPGDA	2	2	7	70,000 ~ 115,000	2	5	4	4	Adhesion on PVC substrates General purpose coating
GU3400Y	Aliphatic Urethane Diacrylate	2	2	22	5,200 ~ 7,200 (60°C)	2	5	4	4	High tensile strength Plastic coating
GU3400Z	Aliphatic Urethane Diacrylate	2	1	60	36,000 ~ 56,000 (60°C)	2	5	4	4	Adhesion on PC substrate Weatherability
GU3501Q	Aliphatic Urethane Diacrylate Diluted In 25% IBOA	2	2	19.7	90,000 ~ 150,000	2	4	3	3	Stretchability Flexible coating and adhesive application
GU3520Z	Aliphatic Urethane Diacrylate Diluted In 20% 2-PEA	2	2	N/A	35,000 ~ 55,000 (40°C)	2	3	4	4	Pigment dispersion
GU4075B	Aliphatic Urethane Triacrylate Diluted In 25% HDDA	3	2	45	6,000 ~ 8,000 (60°C)	3	2	4	4	Thermal stability Weatherability Plastic coating Offset ink
GU4100Y	Aliphatic Urethane Triacrylate	3	100 (APHA)	N/A	10,000 ~ 30,000 (23°C)	4	3	4	3	Weatherability Low viscosity
GU4175X	Aliphatic Urethane Triacrylate Diluted In 25% G3POTA	3	2	32	75,000 ~ 145,000	4	3	5	5	Pigment dispersion Transfer printability Litho and flexo inks
GU4180B	Aliphatic Urethane Triacrylate Diluted In 20% HDDA	3	2	N/A	30,000 ~ 60,000	3	3	4	4	Adhesion on PVC substrates Toughness
GU4200Z	Aliphatic Urethane Triacrylate	3	2	30	40,000 ~ 80,000	3	3	5	5	Adhesion on plastic substrates
GU4280B	Aliphatic Urethane Tetraacrylate	4	150 (APHA)	N/A	20,000 ~ 45,000	5	2	4	3	Weatherability Hardness Outdoor paint

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C. Aliphatic Urethane Acrylates

Product Name	Chemical Name	Functionality	Color Gardner, max.	Tg,℃	Viscosity 25℃,cps	Reactivity	Flexibility	Chemical Resistance	Abrasion Resistance	Features
GU4500N	Aliphatic Urethane Triacrylate	3	150 (APHA)	N/A	700 ~ 1,100 (23℃)	4	3	3	3	Leveling ability Low viscosity Tin catalyst free Adhesive thinner and inject ink application
GU6100L	Aliphatic Urethane Hexaacrylate	6	1	80	70,000 ~ 90,000	5	2	5	4	Hardness
GU6200Y	Aliphatic Urethane Hexaacrylate	6	2	83	65,000 ~ 85,000	5	1	4	5	Hardness
GU6200Z	Aliphatic Urethane Hexaacrylate	6	2	83	90,000 ~ 120,000	5	1	4	5	High hardness
GU6300N	Aliphatic Urethane Hexaacrylate	6	2	47	4,000 ~ 7,000	5	2	5	4	Low viscosity UV ink application
GU6370F	Aliphatic Urethane Hexaacrylate Diluted In 30% PETIA	6	2	49	400,000 ~ 500,000	4	1	4	5	Hardness
GU7200Z	Aliphatic Urethane Multi-acrylate	9	2	102	10,000 ~ 22,500 (60℃)	5	1	3	5	Hardness
GU7400Z	Aliphatic Urethane Multi-acrylate	10	2	54	75,000 ~ 95,000	5	1	3	5	High hardness
GU7500Z	Aliphatic Urethane Multi-acrylate	15	2	145	200,000 ~ 300,000	5	1	3	5	High hardness
GS4920C	Special solvent based Aliphatic Urethane Acrylate	N/A	1	N/A	1,700 ~ 2,500 (23℃)	5	3	5	5	Adhesion on plastic substrates Yellowing resistance Gloss Hardness
GS5120C	Special solvent based Aliphatic Urethane Acrylate	N/A	1	N/A	1,000 ~ 2,000	5	3	5	5	Adhesion on plastic substrates Yellowing resistance Gloss Hardness

D. Aromatic Urethane Acrylates

Product Name	Chemical Name	Functionality	Color Gardner, max.	Tg,℃	Viscosity 25℃,cps	Reactivity	Flexibility	Chemical Resistance	Abrasion Resistance	Features
GU3680A	Polyester Aromatic Urethane Diacrylate Diluted In 20% TPGDA	2	2	30	40,000 ~ 60,000	3	4	3	3	General purpose
GU3700Y	Polyester Aromatic Urethane Diacrylate	2	2	55	100,000 ~ 140,000 (20℃)	4	2	4	3	Hydrophobicity / hydrophilicity balance Pigment dispersion Litho ink
GU3701W	Polyester Aromatic Urethane Diacrylate	2	2	-24	150,000 ~ 210,000	2	5	2	3	General purpose Low cost wood coating
GU3775A	Polyester Aromatic Urethane Diacrylate Diluted In 25%TPGDA	2	2	10	6,000 ~ 9,000	2	5	2	3	General purpose Low cost wood coating
GU3980A	Polyester Aromatic Urethane Diacrylate Diluted In 20% TPGDA	2	2	24	10,000 ~ 30,000	2	5	3	3	High elongation rate Hydrolysis resistance
GU4660A	Aromatic Urethane Triacrylate Diluted In 40% TPGDA	3	2	57	20,000 ~ 40,000	3	2	4	4	Pigment dispersion
GU6600Y	Aromatic Urethane Hexaacrylate	6	2	49	24,500 ~ 32,500	5	1	5	4	Hardness Litho ink
GU7900Z	Aromatic Urethane Decaacrylate	10	2	45	170,000 ~ 210,000	5	1	5	5	Scratch resistance High hardness

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E. Amine Modified Polyether Acrylates

Product Name	Chemical Name	Functionality	Color Gardner, max.	Tg,°C	Amine value mg KOH/g, max.	Viscosity 25°C,cps	Reactivity	Flexibility	Chemical Resistance	Abrasion Resistance	Features
GU8100W	Amine Modified Polyether Acrylate	4	2	50	55 ~ 56	2,500 ~ 3,500	4	4	3	3	Flexo ink Sealers and varnish
GU8100Y	Amine Modified Polyether Acrylate	2.5	2	20	48 ~ 56	80 ~ 100	4	4	3	3	Low viscosity Varnishes and pigmented formulation
GU8100Z	Amine Modified Polyether Acrylate	3.5	2	6	33 ~ 45	450 ~ 650	4	3	4	3	Pigment dispersion Low viscosity

F. Polyester Acrylates

Product Name	Chemical Name	Functionality	Color Gardner, max.	Tg,°C	Acid Value mgKOH/g ,max.	Viscosity 25°C,cps	Reactivity	Flexibility	Chemical Resistance	Abrasion Resistance	Features
GU8436C	Chlorinated Polyester Triacrylate	3	2	53	20	100,000 ~ 150,000	1	5	2	3	Adhesion on metal substrates Inks on metal and plastic substrates
GU8436X	Chlorinated Polyester Triacrylate	3	3	53	20	70,000 ~ 150,000	1	5	2	3	Adhesion on metal substrates Inks on metal and plastic substrates
GU8540C	Chlorinated Polyester Triacrylate	3	5	15	12	70,000 ~ 150,000	2	4	1	3	Adhesion on metal substrates Inks on metal and plastic substrates
GU8703D	Unsaturated Polyester Diacrylate	2	4	N/A	30	10,000 ~ 15,000	2	2	3	3	Adhesion Sandability Hardness Wood coating primer
GU8974Z	Polyester Diacrylate	2	2	N/A	15	5,000 ~ 7,000 (60°C)	4	5	4	4	Adhesion Adhesive
GU9282Z	Polyester Tetraacrylate	4	2	N/A	15	50,000 ~ 100,000	4	5	5	4	Litho ink Flexo ink PVC coating
GU9293V	Polyester Hexaacrylate	6	5	N/A	20	7,000 ~ 12,000	5	4	4	2	Pigment dispersion Litho ink Flexo ink
GU9315Z	Hyperbranched Polyester Acrylate	12 ~ 15	2	N/A	2	300 ~ 700	4	3	3	3	Leveling Low shrinkage Inject ink
GU9400Y	Polyester Tetraacrylate	4	10	23	15	100,000 ~ 220,000	4	3	4	1	Pigment dispersion Hydrophilicity / hydrophobicity balance Litho ink
GU9600Y	Polyester Tetraacrylate	4	2	31	20	400 ~ 1,000	3	4	3	2	Pigment dispersion Flexo ink
GU9600Z	Polyester Tetraacrylate	4	5	N/A	15	4,000 ~ 15,000	4	5	3	2	Pigment dispersion High viscosity formulation Flexo ink
GU9700D	Polyester Tetraacrylate	4	4	N/A	10	20,000 ~ 40,000	4	4	3	1	Matt wood coating
GU9700Y	Polyester Tetraacrylate	4	3	N/A	15	1,500 ~ 5,000	4	5	3	2	Pigment dispersion Low viscosity formulation
GU9700Z	Polyester Tetraacrylate	4	4	N/A	5	15,000 ~ 20,000	4	5	3	2	Wood coating
GU9842F	Polyester Triacrylate	3	N/A	N/A	5	10,000 ~ 30,000	5	4	4	5	Inorganic filler dispersion Adhesion
GU9900C	Fatty Acid Modified Polyester hexaacrylate	6	2	17	15	7,000 ~ 12,000	5	4	4	1	Pigment dispersion Litho ink Flexo ink
GU9900W	Fatty Acid Modified Polyester hexaacrylate	6	10	N/A	15	15,000 ~ 50,000	5	4	4	2	Pigment dispersion Hydrophilicity / hydrophobicity balance
GU9900Y	Fatty Acid Modified Polyester hexaacrylate	6	10	17	15	7,000 ~ 12,000	5	4	4	1	Pigment dispersion Litho ink Flexo ink
GU9900Z	Fatty Acid Modified Polyester hexaacrylate	6	2	60	35	15,000 ~ 40,000	4	4	5	5	Wood coating