

CYTEC



Screen Inks 丝网印刷油墨

RADCURE™

Energy Curable Resins
能量固化树脂

Asia Pacific 亚太区

Products	Product description	Key features
Oligomers / Diluting acrylates		
DPGDA	Dipropylene glycol diacrylate	Good cure speed and flexibility.
DPHA	Dipentaerythritol hexaacrylate	Very high reactivity. High hardness and high scratch resistance.
EBECRYL™ 13 *	Polyethylene glycol diacrylate	Low color, low viscosity. Good flexibility and up to 55% water uptake.
EBECRYL 40	Polyether tetraacrylate	Low shrinkage and high reactivity.
EBECRYL 84	Amine modified polyether acrylate	Good adhesion to multiple plastic substrates.
EBECRYL 110	Ethoxylated phenol acrylate	High flexibility.
EBECRYL 113	Aliphatic monoacrylate	Low odor, Good flexibility, adhesion and xi free.
EBECRYL 114	Ethoxylated phenol acrylate	Very good adhesion to plastic and metal substrates.
EBECRYL 140	Di(trimethylol propane) tetraacrylate	High reactivity, good hardness and xi free.
EBECRYL 145	Propoxylated neopentylglycol diacrylate	Xi-free aliphatic difunctional acrylate of low surface tension.
EBECRYL 160	Ethoxylated trimethylol propane triacrylate	More flexible than TMPTA. Good hardness, high gloss and fast cure speed.
EBECRYL 210	Aromatic difunctional urethane acrylate	Undiluted, good flexibility and general purpose use.
EBECRYL 220	Aromatic hexafunctional urethane acrylate	Fast cure, high hardness and solvent resistance.
EBECRYL 230	Aliphatic difunctional urethane acrylate	Undiluted, high molecular weight resin and very high flexibility.
EBECRYL 244	Aliphatic difunctional urethane acrylate	High flexibility and non-yellowing.
EBECRYL 264	Aliphatic trifunctional urethane acrylate	Good reactivity, good abrasion resistance and non-yellowing.
EBECRYL 280/151B	Aliphatic difunctional urethane acrylate	Good exterior durability, good toughness and resistance.
EBECRYL 284	Aliphatic difunctional urethane acrylate	Good exterior durability, good toughness and resistance.
EBECRYL 294/25HD	Aliphatic trifunctional urethane acrylate	High chemical and stain resistance and excellent outdoor resistance.
EBECRYL 303	Hydrocarbon acrylate oligomer	Very good adhesion to plastics.
EBECRYL 505	Polyester resin	Improves adhesion on plastic substrates and low shrinkage.
EBECRYL 524	Polyester resin	Good adhesion to difficult substrates. Recommended for laminating adhesives.
EBECRYL 525	Polyester resin	Good adhesion to difficult substrates and for OPV on conventional inks.
EBECRYL 584	Chlorinated polyester resin	High reactivity and good adhesion to plastics.
EBECRYL 586	Chlorinated polyester resin	High reactivity and good adhesion to plastics.
EBECRYL 605	Standard bisphenol A epoxy acrylate	Fast cure, high gloss, excellent solvent resistance. Low color.
EBECRYL 741	Acrylic oligomer	Excellent adhesion to a wide range of plastic substrates combined with a low viscosity.
EBECRYL 745	Acrylic oligomer	Very good adhesion to plastics. Good weathering.
EBECRYL 767	Acrylic oligomer	Very good adhesion to plastics. Good weathering.
EBECRYL 810	Tetrafunctional polyester acrylate	Very good lithographic behavior, good pigment wetting and low intrinsic viscosity.
EBECRYL 830	Hexafunctional polyester acrylate	Very good lithographic behavior, good pigment wetting and low intrinsic viscosity.
EBECRYL 1040	N-butyl 1,2 (acryloyloxy) ethyl carbamate	Urethane monoacrylate with low viscosity. Excellent flexibility and adhesion.
EBECRYL 1290	Aliphatic hexafunctional urethane acrylate	Fast cure, high hardness, high solvent resistance and good exterior durability.
EBECRYL 1710	Acrylic oligomer	Very good adhesion combined with good reactivity.
EBECRYL 3601	Standard bisphenol A epoxy acrylate	Fast cure, high gloss, excellent solvent resistance. Low color and low irritancy.
EBECRYL 3701	Modified bisphenol A epoxy acrylate	Flexible and good adhesion to plastics.
EBECRYL 3703	Amine modified bisphenol A epoxy acrylate	Very good flexibility, high reactivity and good adhesion to plastics.
EBECRYL 3740	Standard bisphenol A epoxy acrylate	Fast cure, high gloss, excellent solvent resistance. Low color and low irritancy.
EBECRYL 4820	Aliphatic trifunctional urethane acrylate	Good exterior durability, good toughness and resistance.
EBECRYL 5129	Aliphatic hexafunctional urethane acrylate	Good scratch and abrasion resistance. More flexible than EBECRYL 1290.
EBECRYL 6202	Aromatic difunctional urethane acrylate	Good toughness and good abrasion resistance.
EBECRYL 7100	Amine functional acrylate co-initiator	Highly efficient co-initiator and excellent adhesion to plastics. Nitrogen content: 3.5%. Can be used as a resin.
HDDA	Hexanediol diacrylate	High diluting power. Excellent adhesion and good weathering properties.
IBOA	Isobornyl acrylate	Low viscosity and colour. High Tg.
IRR 590	Aliphatic difunctional urethane acrylate	Very high elongation (550%) and excellent pigment wetting, to produce thermoformable screen inks.
IRR 591	Acrylic oligomer	Let down resin, adhesion to plastic and thermal stability, to produce thermoformable screen inks.
IRR 601	Modified polyol acrylate	Outstanding adhesion on glass, excellent water resistance, good scratch and chemical resistance.
IRR 615	Modified polyol acrylate	Outstanding adhesion to plastic substrates, in particular uncoated polyolefins and low viscosity.
IRR 616	Modified polyol acrylate	Outstanding adhesion to plastic substrates, in particular uncoated polyolefins and low viscosity.
IRR 639	Amine modified epoxy diacrylate	Cost effective and highly flexible with good reactivity.
IRR 641	Amine modified epoxy diacrylate	High reactivity and flexibility.
ODA	Octyl and decyl acrylate mixture	Excellent flexibility. Good adhesion to non-polar substrates and good water resistance.
OTA 480	Propoxylated glycerol triacrylate	Low viscosity and fast cure speed.
PETIA	Mixture of pentaerythritol tri- & tetraacrylate	Hard, good chemical resistance and adhesion.
TMPTA	Trimethylol propane triacrylate	High cure speed, chemical and abrasion resistance.
TPGDA	Tripropylene glycol diacrylate	Good cure speed and flexibility.
Products for water-dilutable screen inks		
EBECRYL 11	Polyethylene glycol diacrylate	Completely miscible with water. Good flexibility. For screen inks and paper coatings.
EBECRYL 12	Polyether triacrylate	High flexibility and can be used in water-based systems.
EBECRYL 2002	Water soluble aliphatic urethane acrylate	Fast cure response, good flexibility and good adhesion. Water uptake: 70%
EBECRYL 2003	Water soluble aromatic urethane acrylate	Fast cure response, good flexibility and good adhesion. Water uptake: 80%
EBECRYL 2047	Acrylated trifunctional resin	Good flexibility and high reactivity.
IRR 569	Water dilutable aliphatic urethane acrylate	Improved stability, good water and solvent resistance, fast curing.
Additives		
EBECRYL 168	Methacrylated acidic compound	Adhesion promoter for metals and glass.
EBECRYL 170	Acrylated acidic compound	Adhesion promoter for metals.
EBECRYL P115	Tertiary amine co-initiator	Highly efficient co-initiator. Nitrogen content: 4.9%
MODAFLOW™ 2100 *	Acrylic resin	Silicone free defoaming agent with good leveling and low odor.
MODAFLOW 9200	Silicone free leveling agent	Silicone free leveling agent with excellent compatibility.

* EBECRYL™ UV curable resins UV 固化树脂

* MODAFLOW™ flow modifiers 流平助剂

Dilution 稀释组分	Pigment wetting 颜料润湿	Reactivity 反应活性	Adhesion 附着力	Solvent resistance 耐溶剂型	Flexibility 柔韧性	Yellowing 黄变性	Flow 流动性	Functionality 官能度	Mw g/mol 分子量 g/mol	Viscosity mPa.s (°C) 粘度 mPa.s (°C)	Density g/cm³ 粘度 g/cm³	AV mgKOH/g 酸值 mgKOH/g	OHV mgKOH/g 羟值 mgKOH/g	Color Gardner 色度 Gardner	-C=C- meq/g
-	●●	●●	●●	●●	●●	●●	-	2	242	10 (25)	1.06	1	40	150A	8.3
-	●●●	●●●	●●●	●●●	●●●	●●●	-	6	578	16000 (25)	1.18	8	60	3	10.4
-	●●●	●●●	●●●	●●●	●●●	●●●	-	2	500	60 (25)	1.11	3	-	2	-
-	●●●	●●●	●●●	●●●	●●●	●●●	-	4	571	160 (25)	1.15	0.5	60	2	7.0
-	●●●	●●●	●●●	●●●	●●●	●●●	-	2	300	5000 (25)	1.13	-	-	5	-
-	●●●	●●●	●●●	●●●	●●●	●●●	-	-	236	20 (25)	1.12	1	15	5	4.2
-	●●●	●●●	●●●	●●●	●●●	●●●	-	2	228	120 (25)	0.97	1	-	3	4.4
-	●●●	●●●	●●●	●●●	●●●	●●●	-	-	192	10 (25)	1.10	1	-	200A	5.2
-	●●●	●●●	●●●	●●●	●●●	●●●	-	4	438	1000 (25)	1.11	10	30	400A	9.1
-	●●●	●●●	●●●	●●●	●●●	●●●	-	2	328	20 (25)	1.01	1	40	200A	6.1
-	●●●	●●●	●●●	●●●	●●●	●●●	-	3	428	80 (25)	1.09	1	25	200A	6.5
-	●●●	●●●	●●●	●●●	●●●	●●●	-	2	1500	3900 (60)	1.11	-	-	2	-
-	●●●	●●●	●●●	●●●	●●●	●●●	-	6	1000	28500 (25)	1.22	-	-	2	-
-	●●●	●●●	●●●	●●●	●●●	●●●	-	2	5000	40000 (25)	1.08	-	-	150A	-
12 HDDA	●●●	●●●	●●●	●●●	●●●	●●●	-	2	2000	8000 (60)	1.12	-	-	2	-
15 HDDA	●●●	●●●	●●●	●●●	●●●	●●●	-	3	2000	45000 (25)	1.12	-	-	2	-
15 IBOA	●●●	●●●	●●●	●●●	●●●	●●●	-	2	2000	2500 (60)	1.12	-	-	2	-
12 HDDA	●●●	●●●	●●●	●●●	●●●	●●●	-	2	1200	2100 (60)	1.18	-	-	2	-
25 HDDA	●●●	●●●	●●●	●●●	●●●	●●●	-	3	1500	700 (60)	1.11	-	-	2	-
45 HDDA	●●●	●●●	●●●	●●●	●●●	●●●	-	-	-	900 (25)	1.10	-	-	0.5	-
40 TPGDA	●●●	●●●	●●●	●●●	●●●	●●●	-	-	-	2000 (25)	1.22	30	-	1	-
30 HDDA	●●●	●●●	●●●	●●●	●●●	●●●	-	-	1000	60000 (25)	1.22	30	20	250A	-
40 TPGDA	●●●	●●●	●●●	●●●	●●●	●●●	-	-	1000	40000 (25)	1.21	25	40	200A	-
40 HDDA	●●●	●●●	●●●	●●●	●●●	●●●	-	-	2700	2000 (25)	1.32	25	40	3	-
40 TMPTA	●●●	●●●	●●●	●●●	●●●	●●●	-	-	2700	45000 (25)	1.35	20	NA	3	-
25 TPGDA	●●●	●●●	●●●	●●●	●●●	●●●	-	2	500	7500 (25)	1.17	2	190	2	-
45 HDDA	●●●	●●●	●●●	●●●	●●●	●●●	-	-	-	3500 (25)	1.05	-	-	4	-
PGDA / 25 HDDA	●●●	●●●	●●●	●●●	●●●	●●●	-	-	-	20000 (25)	1.05	1	40	3	-
25 IBOA	●●●	●●●	●●●	●●●	●●●	●●●	-	-	-	8500 (60)	1.08	-	-	3	-
-	●●●	●●●	●●●	●●●	●●●	●●●	-	4	1000	500 (25)	1.09	20	-	2	-
-	●●●	●●●	●●●	●●●	●●●	●●●	-	6	1500	50000 (25)	1.18	30	-	3	-
-	●●●	●●●	●●●	●●●	●●●	●●●	-	-	215	25 (25)	1.07	-	-	100A	4.6
-	●●●	●●●	●●●	●●●	●●●	●●●	-	6	1000	2000 (60)	1.19	-	-	1	-
60 HDDA	●●●	●●●	●●●	●●●	●●●	●●●	-	2	-	26000 (25)	1.07	-	-	1	-
-	●●●	●●●	●●●	●●●	●●●	●●●	-	2	500	3000 (60)	1.20	3	-	3	-
-	●●●	●●●	●●●	●●●	●●●	●●●	-	2	850	7000 (60)	1.14	5	-	6	-
-	●●●	●●●	●●●	●●●	●●●	●●●	-	2	850	4250 (60)	1.17	5	-	5	-
-	●●●	●●●	●●●	●●●	●●●	●●●	-	2	500	2500 (60)	1.14	2	-	2	-
35 HDDA	●●●	●●●	●●●	●●●	●●●	●●●	-	3	1900	3300 (25)	1.08	-	-	1	-
-	●●●	●●●	●●●	●●●	●●●	●●●	-	6	800	700 (60)	1.18	-	-	2	-
25 DPGDA	●●●	●●●	●●●	●●●	●●●	●●●	-	2	1500	8000 (25)	1.10	-	-	2	-
-	●●●	●●●	●●●	●●●	●●●	●●●	-	-	-	1000 (25)	1.10	-	-	4	-
-	●●●	●●●	●●●	●●●	●●●	●●●	-	6	225	10 (25)	1.03	1	15	40A	8.8
-	●●●	●●●	●●●	●●●	●●●	●●●	-	-	208	9 (25)	0.98	1	-	50A	4.8
33 IBOA	●●●	●●●	●●●	●●●	●●●	●●●	-	2	9000	35000 (60)	1.04	-	-	2	-
30 IBOA	●●●	●●●	●●●	●●●	●●●	●●●	-	2	8000	10000 (25)	1.03	-	-	1	-
43 HDDA	●●●	●●●	●●●	●●●	●●●	●●●	-	2	1500	3500 (25)	1.08	1	-	4	-
37 DPGDA	●●●	●●●	●●●	●●●	●●●	●●●	-	2	1500	7000 (25)	1.10	1	-	2	-
58 TMPTA	●●●	●●●	●●●	●●●	●●●	●●●	-	3	1500	7000 (25)	1.10	1	-	2	-
33 DPGDA	●●●	●●●	●●●	●●●	●●●	●●●	-	2	1800	18500 (25)	1.15	-	-	2	-
8 HDDA	●●●	●●●	●●●	●●●	●●●	●●●	-	2	1800	21000 (25)	1.15	-	-	2	-
-	●●●	●●●	●●●	●●●	●●●	●●●	-	-	200	3 (25)	0.88	1	-	3	5
-	●●●	●●●	●●●	●●●	●●●	●●●	-	3	480	90 (25)	1.08	1	60	60A	6.2
-	●●●	●●●	●●●	●●●	●●●	●●●	-	-	298	1100 (25)	1.18	10	115	200A	11.1
-	●●●	●●●	●●●	●●●	●●●	●●●	-	3	296	115 (25)	1.11	1	30	50A	9.8
-	●●●	●●●	●●●	●●●	●●●	●●●	-	2	300	15 (25)	1.05	1	40	50A	6.2
-	●●	●●	●●	●●	●●	●●	●●	2	740	120 (25)	1.12	17	-	50A	2.7
-	●●	●●	●●	●●	●●	●●	●●	3	782	155 (25)	1.11	5	-	4	3.8
10 TPGDA	●●	●●	●●	●●	●●	●●	●●	2	2500	25000 (25)	1.10	-	-	2	-
10 TPGDA	●●	●●	●●	●●	●●	●●	●●	2	2500	3000 (60)	1.14	-	-	3	-
-	●●	●●	●●	●●	●●	●●	●●	3	570	400 (25)	1.09	15	-	3	5.3
5 water	-	●●	●●	●●	●●	●●	●●	3	2000	6000 (60)	1.10	-	-	2	-
-	●●	●●	●●●●	-	●●	-	●●	-	-	1350 (25)	1.28	290	-	3	-
-	●●	●●●	●●	-	●●	-	●●	-	-	3000 (25)	1.33	300	-	6	-
-	-	●●	●●	●●	-	-	●●●●	-	-	20 (25)	0.99	-	-	2	-
-	-	●●	●●	●●	-	-	●●●●	-	-	8500 (25)	-	-	-	Pale	-
-	-	●●	●●	●●	-	-	●●●●	-	-	4000 (25)	-	-	-	Pale	-

重要性能描述	产品描述	产品
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稀释型丙烯酸酯 / 齐聚物

良好的固化速度和柔顺性	二丙二醇二丙烯酸酯	DPGDA
非常高的反应活性：高硬度和高抗划伤性	二季戊四醇六丙烯酸酯	DPHA
低色泽，低粘度，良好的柔顺性，最多可加55%的水	聚乙二醇二丙烯酸酯	EBECRYL 13
低收缩和高反应活性	聚醚四丙烯酸酯	EBECRYL 40
对各种塑料基材具有良好的附着力	胺改性聚酯丙烯酸酯	EBECRYL 84
高柔顺性	乙氧基丙烯酸酯	EBECRYL 110
低气味，良好的柔顺性和附着力，非刺激性	脂肪族单丙烯酸酯	EBECRYL 113
对塑料和金属基材有非常好的附着力	丙烯酸苯氧基乙酯	EBECRYL 114
高反应活性和良好的硬度，非刺激性	二羟甲基丙烷四丙烯酸酯	EBECRYL 140
非刺激性，低表面张力脂肪族二官能度丙烯酸酯	丙氧基化新戊二醇二丙烯酸酯	EBECRYL 145
较TMPETA具有更高的柔顺性，高硬度，光泽和固化速度	乙氧基二羟甲基丙烷二丙烯酸酯	EBECRYL 160
未稀释，良好的柔顺性，通用性好	芳香族二官能度聚氨酯丙烯酸酯	EBECRYL 210
快速固化，高硬度和耐溶剂性	芳香族六官能度聚氨酯丙烯酸酯	EBECRYL 220
未稀释，高分子量，高柔顺性	脂肪族二官能度聚氨酯丙烯酸酯	EBECRYL 230
高柔顺性，不黄变	脂肪族二官能度聚氨酯丙烯酸酯	EBECRYL 244
良好的反应活性，良好的耐磨性和不黄变性	脂肪族三官能度聚氨酯丙烯酸酯	EBECRYL 264
良好的户外稳定性，良好的强度和耐抗性	脂肪族二官能度聚氨酯丙烯酸酯	EBECRYL 280/151B
良好的户外稳定性，良好的强度和耐抗性	脂肪族二官能度聚氨酯丙烯酸酯	EBECRYL 284
高耐化学品性和抗污性能，优异的户外稳定性	脂肪族三官能度聚氨酯丙烯酸酯	EBECRYL 294/25HD
对塑料基材良好的附着力	丙烯酸酯碳酸酯化合物齐聚物	EBECRYL 303
增强了在塑料和金属基材上的附着力，低收缩率	聚酯树脂	EBECRYL 505
对困难基材良好的附着力，推荐用于粘合剂产品	聚酯树脂	EBECRYL 524
对困难基材良好的附着力，推荐用于传统型油墨上的罩光清漆	聚酯树脂	EBECRYL 525
高反应活性和对塑料良好的附着力	氟化聚酯树脂	EBECRYL 584
高反应活性和对塑料基材良好的附着力	氟化聚酯树脂	EBECRYL 586
快速固化，高光泽，优异的耐溶剂性，低色泽	标准双酚A环氧丙烯酸酯	EBECRYL 605
对多种塑料基材具有优异的附着力并兼具低粘度	丙烯酸酯齐聚物	EBECRYL 741
对塑料非常好的附着力，良好的耐候性	丙烯酸酯齐聚物	EBECRYL 745
对塑料基材非常好的附着力，良好的耐候性	丙烯酸酯齐聚物	EBECRYL 767
良好的胶印性能，颜料润湿性和低粘度	四官能度聚氨酯丙烯酸酯	EBECRYL 810
良好的反应活性和抗划伤性	六官能度聚氨酯丙烯酸酯	EBECRYL 830
低粘度聚氨酯丙烯酸酯，出色的柔顺性和附着力	脂肪族单官能度聚氨酯丙烯酸酯	EBECRYL 1040
快速固化，高硬度，高抗溶剂性和户外稳定性	脂肪族六官能度聚氨酯丙烯酸酯	EBECRYL 1290
良好的附着力兼具优良的反应速度	丙烯酸酯齐聚物	EBECRYL 1710
快速固化，高光泽，优异的耐溶剂性，低色泽，低刺激性	标准双酚A环氧丙烯酸酯	EBECRYL 3601
柔顺性，对塑料基材良好的附着力	改性双酚A环氧丙烯酸酯	EBECRYL 3701
优良的柔顺性，高反应活性，对塑料基材良好的附着力	胺改性双酚A环氧丙烯酸酯	EBECRYL 3703
快速固化，高光泽，优异的耐溶剂性，低色泽，低刺激性	标准双酚A环氧丙烯酸酯	EBECRYL 3740
良好的户外稳定性，良好的强度和耐抗性	脂肪族二官能度聚氨酯丙烯酸酯	EBECRYL 4820
良好的抗划伤性和耐腐性，比 EBECRYL 1290 具有较好的柔顺性	脂肪族六官能度聚氨酯丙烯酸酯	EBECRYL 5129
优良的强度，优良的耐腐性能	芳香族二官能度聚氨酯丙烯酸酯	EBECRYL 6202
高效助引发剂，对塑料基材出色的附着力，氮含量: 3.5%，可作为树脂使用	三胺级助引发剂	EBECRYL 7100
高稀释性，出色的附着力，良好的耐候性	己二醇二丙烯酸酯	HDDA
High 低粘度和颜色，高 Tg	丙烯酸酯异片酯	IBOA
高伸长率(550%)，出色的颜料润湿性，推荐用于热成形丝网印	脂肪族二官能度聚氨酯丙烯酸酯	IRR 590
降粘树脂，出色的塑料附着力，良好的耐热性，推荐用于热成	丙烯酸酯齐聚物	IRR 591
出色的玻璃附着力，出色耐水性，良好的抗划伤性和耐化学药	改性多元醇丙烯酸酯	IRR 601
对塑料基材出色的附着力，尤其适用于未经涂覆的聚烯烃基材，低粘度	改性的多元醇丙烯酸酯	IRR 615
对塑料基材出色的附着力，尤其适用于未经涂覆的聚烯烃基材，低粘度	改性的多元醇丙烯酸酯	IRR 616
出色的柔顺性兼具良好活性	胺改性环氧丙烯酸酯	IRR 639
出色反应活性兼具出色柔顺性	胺改性环氧丙烯酸酯	IRR 641
出色的柔顺性，在非极性底材上良好的附着力和耐水性	丙烯酸酯和癸酯混合物	ODA
低粘度和快速固化	丙氧基甘油三丙烯酸酯	OTA 480
硬度好，良好的耐化学品性和附着力	季戊四醇三丙烯酸酯混合物	PETIA
高固化速度和耐化学品性能及耐磨性能	三羟甲基丙烷二丙烯酸酯	TMPETA
良好的固化速度和柔顺性	三丙二醇二丙烯酸酯	TPGDA

用于水可稀释型的丝网印刷油墨的产品

完全与水相溶，良好的柔顺性，用于丝网油墨和纸张光油	聚乙二醇二丙烯酸酯	EBECRYL 11
高柔顺性，可以用于水性体系	聚醚二丙烯酸酯	EBECRYL 12
快速固化，良好的柔顺性和附着力，可加水至70%	水溶性脂肪族聚氨酯丙烯酸酯	EBECRYL 2002
快速固化，良好的柔顺性和附着力，可加水至80%	水溶性芳香族聚氨酯丙烯酸酯	EBECRYL 2003
良好的柔顺性和高反应活性	丙烯酸三官能度树脂	EBECRYL 2047
		IRR 569

助剂

对金属和玻璃的附着力促进剂	含酸值甲基丙烯酸酯化合物	EBECRYL 168
对金属的附着力促进剂	丙烯酸酯酸性化合物	EBECRYL 170
高效助引发剂，氮含量: 4.9%	三胺级助引发剂	EBECRYL P115
良好的流平性能兼具良好的消泡性能，不含有机硅	丙烯酸酯树脂	MODAFLOW 2100
非硅流平剂，出色的相容性	非硅类流平剂	MODAFLOW 9200

With the strong growth of the printing and packaging industry in the Asia Pacific region, the increased awareness on environmental issues and the increasingly severe requirements, the printing industry will need to evolve to successfully address the new challenges ahead. Considering the known benefits of and the continuous advancements and innovations in energy-curing technology and products, it comes as no surprise that the UV/EB curing technology is growing at a fast pace in the printing industry.

As a provider of innovative solutions to the global energy-curable graphics market, we're committed to consolidating our leadership position as preferred supplier. To fulfill our objective of delivering superior value to our customers in the Asia Pacific region, **Cytec Industries** is continuously introducing new products to be added to our existing broad range of outstanding energy-curable resins and additives designed for the graphics industry.

The product table in this brochure illustrates our **RADCURE™** product range for **UV/EB screen inks** and provides general guidance on properties and technical parameters of specific selected grades to assist you to arrive at the right solution.

Abbreviations / 缩写

Mw	molecular weight	分子量
AV	acid value	酸值
OHV	hydroxyl value	羟值
●	low	低
●●	moderate	中等
●●●	good	良好
●●●●	very good	非常好
●●●●●	excellent	极好
Viscosity 粘度比	Hoppler viscosity, expressed in mPa.s Hoppler粘度, 用mPa.s表示	
Dilution 稀释组分	Parts of diluent in 100 parts of product 在100份产品中所占的比例	
-C=C-	Unsaturation content expressed in meq/g 不饱和含量, 用meq/g表示	

随着亚太地区印刷和包装工业的迅速成长, 人们对环境意识的日益增强, 和严苛要求的日益增多, 印刷工业需要不断地发展来成功面对未来的新挑战。考虑到众所周知的优点和能量固化技术和产品的不断进步和创新, 就不会对UV/EB固化技术在印刷工业中如此迅速发展感到奇怪。

作为全球能量固化印刷市场的创新方案的缔造者, 我们会继续巩固我们首选供应商的地位。为了实现为亚太地区客户提供出众价值的目标, **氰特工业**正不断研发新产品加入我们现有的广泛的出众的针对印刷市场的能量固化树脂和添加剂产品中。

这本产品目录中的表格列举了我们 **RADCURE™** 针对 **UV/EB 丝网印刷油墨** 的产品, 并且提供了产品属性综合的指导以及特殊选择规格的技术参数来帮助您正确实现您的方案。



Cytec world class resin manufacturing site in Shanghai, China
氰特在中国上海的世界级水平的生产基地

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Covers coated with UV varnish
封面涂有UV清漆

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