

1. SOLVENT-BASE THERMOPLASTIC ACRYLIC RESIN

Grade	Resin Type	Solvents	solid content (±1.5%)	Viscosity G.H. (25°C)	Color Gardner	Acid Value (Varnish)	Compatibility		Characteristics	Uses
							1/4" NC	1/2" CAB		
AR-1042	Thermo Plastic Acrylic Resin	Toluene	40	U-X	< G-1	2.5-4.5	△	⊙	Weather resistance, Chemical resistance, Crack resistance	Lacquer Coating for Metal, wood Plastics
AR-1044		Toluene	50	Y-Z ₂	< G-1	< 1	△	⊙	Adhesive, Water resistance, Dissoluable With Alcohols.	Coating for Al. Plastics, Primer for PVC-Metal
AR-1053		Toluene/n-BOOH 9 : 1	50	Z-Z ₃	< G-1	5-8	⊙	—	Compatibility with alky resins, Chemical resistance, Gloss	Auto body patching lacquer. Metal& Building material Coating
AR-1090F		Toluene/i-BUOH 1 : 1	50	Z+ _{1/2} -Z ₃	< G-1	< 3	△	⊙	Hardness, Chemical resistance, Adhesive	Lacquer Coating for Plastics of PS, SBS, PP.
AR-1090FL		Toluene/i-BUOH 1 : 1	50	X-Z	< G-1	< 3	△	⊙	Low viscosity grade of AR-1090F, Gloss, Pigment dispersion	
AR-1093		Toluene/i-BOOH 1 : 1	50	X-Z	< G-1	< 1.5	○	⊙	Hardness, Alcohols resistance, Abrasive Gloss	
AR-1073		Xylene	50	Y-Z ₁	< G-1	1.5-4.5	—	⊙	Gloss, Weather resistance, Alkali resistance, Gloss	
AR-1074		Xylene	50	Z ₆ ⁺¹ -Z ₅ ⁺²	< G-1	< 3	—	—	High viscosity, Weather resistance, Alkali resistance, Workability	Masonry paints
AR-1075		Xylene	55	Z ₆ ⁺¹ -Z ₆ ⁺²	< G-1	< 2.5	—	—	High solid, content Alkali resistance, Hardness, Weather resistance	

2. PACKAGED SOLVENT-BASE ACRYLIC POLYOL RESIN

Grade	Resin Type	Solvents	Solid content (±1.5%)	Viscosity G.H. (25°C)	Color Gardner	Acid Value (Varnish)	OH Value (Varnish)	Compatibility		Characteristics	Uses
								1/4" NC	1/2" CAB		
AR-1780	HIGH Solid Content Acrylic Polyol Resin	Xylene/n-BuAC 7 : 3	60	Y-Z ₂	G-1	< 5	49±5	⊙	×	Workability, High Solid content grade, Compatibility, Hardness, Fast curing	Wood, Plastics, Metal& Bulding Material finish
AR-1781		Toluene/n-BuAC 7 : 3	60	Z ₃ -Z ₆	G-1	< 5	43±5	⊙	×		
AR-1780M		Xylene	60	Y- Z ₂	G-1	< 5	49±5	⊙	×		
AR-164	Acrylic Polyol Resin	Toluene/MIBK 7 : 3	45	W-Z	G-1	< 5	27±5	⊙	⊙	Fast curing, Hardness, Solvent resistance	Wood finish, Bulding Material finish
AR-174		Xylene/n-BuAC 7 : 3	50	V-Y	G-2	< 5	43±5	⊙	×	Stain resistance, Hardness, Weather resistance, Fast curing	Metal anticorrosive coating Plastic& Bulding Material finish
AR-175		Toluene/MIBK 7.5 : 2.5	50	J-O	G-2	< 3	45±5	—	⊙	Low viscosity, Pigment dispersion, Weather resistance	
AR-602-2		Xylene/n-BuAC 8 : 2	50	V-Y	G-1	< 1.5	25±3	⊙	×	Low OHV grade of AR-174, Hardness, Fast curing	

3. SOLVENT-BASE ACRYLIC RESIN FOR BAKING ENAMEL

Grade	Resin Type	Solvents	solid content (±1.5%)	Viscosity G.H. (25°C)	Color Gardner	Acid Value (Varnish)	Suggested formula (Solid%)			Characteristics	Uses
							AR Resin	BR20SE	BE-501		
AR-784	Thermo setting Acrylic Resin	Solvesso100/Xylene/n-Bu OH 3.5 : 5 : 2.7	50	W-y	G-2	6-10	70	20	10	Flexible, Secondary Physical properties	Metal anticorrosive coating Plastic& Bulding Material finish
AR-785-5		Xylene/n-BuOH 9 : 1	50	V-Y	G-2	6-10	70	20	10	Stain resistance, Chemical resistance, Gloss	
AR-785M		Xylene/n-Bu OH 8 : 2	50	W-Z	G-2	5-9	70	20	10	Hardness, Chemical resistance, Gloss	