

ROSIN MODIFIED PHENOLIC RESINS

Product Nomenclature	Melting Point		Acid Value (mgs. of KOH/gm)	Of 50% solution in Toluene		Recommended Usages
	Ball & Ring (°C)	Capillary (°C)		Colour (Gardner)	Viscosity at @30°C on F/C B-4	
Replacol 214	128 – 138	122 – 130	20 Max.	12 Max	18 – 22 Secs.	Paints, printing inks, insulating varnishes, oil varnishes, etc.
Replacol 216	100 – 110	90 – 95	125 – 135	12 Max	16 – 20 Secs. at 25°C	Printing inks
Replacol 227	140 – 150	130 – 140	20 Max	12 Max	30 – 35 Secs.	Liquid inks having better solvent release and scratch-proofness.
Replacol 228	145 – 157	135 – 145	20 Max	12 Max	50 – 70 Secs.	Lithographic and Gravure Printing inks.
Replacol 233	150 – 160	142 – 150	25 Max	12 Max	70 – 90 Secs.	Economical Lithographic and Gravure Printing Inks
Replacol 237	160 – 164	150 – 156	25 Max	12 Max	40 - 55 Secs.	Heatset, quickset, high gloss, web offset printing inks.

BUTYLATED PHENOLIC RESIN

Product Nomenclature	Appearance	Viscosity at 30°C On Gardner (in stokes)	Percent Non-Volatiles At 120°C / 1 hr.	Recommended usage
Replacol 277	Reddish brown Liquid	3 – 6	65 ± 2	High Chemical and abrasion resistant one pack hot curing epoxy based coatings for cans, collapsible tubes etc.
Replacol 279	Reddish brown Liquid	3 – 6	60 ± 2	— do —

ALKYL PHENOL FORMALDEHYDE RESINS

Product Nomenclature	Appearance	Melting Point (Capillary) (°C)	Methylol Content (%)	Acid Value (mgs. of KOH/gm)	Of 60% Solution In Toluene		Recommended Usages
					Colour (Gardner)	Viscosity at 30° C on Gardner (in Stokes)	
Replacol 260	Reddish brown solid lumps	70 – 85	14 – 18	30 Max.	>18	1 – 2	Adhesives based on neoprene rubber solutions
Replacol 262	Light yellow solid lumps	60 – 70	8 – 12	15 Max.	6 Max	0.5 – 0.85	Weather and chemical resistant varnishes and paints based on RLO, DCO and tung oil. Autoprimer varnishes and wire enamels.
Replacol 263	Light yellow solid lumps	70 – 85	14 – 18	30 Max.	8 Max.	1 – 2	Adhesives based on neoprene rubber solutions.
Replacol 268	Dark violet brown solid lumps	70 – 85	12 – 16	30 Max.	>18	1 – 2	Adhesives based on neoprene rubber solutions.