



ROSIN MODIFIED PHENOLIC RESINS

Product Nomenclature	Ball & Ring (°C)	Melting Point Capillary (°C)	Acid Value (mgs. of KOH / gm)	Of 50% solution in Toluene		Recommended Usages
				Colour (Gardner)	Viscosity at 30°C on F/C B-4	
Replacol 214	128-138	122-130	20Max.	12Max.	18-22 secs	Paints, Printing Inks, Insulating varnishes, Oil varnishes, etc.
Replacol 227	140-150	130-140	20Max.	12Max.	30-35 secs	Liquid inks having better solvent release and scratch-proofness.
Replacol 228	145-157	135-145	20Max.	12Max.	50-70 secs	Lithographic and gravure Printing inks
Replacol 229	135±3	120-130	23Max.	12Max.	50-30 secs (50% in Xylene)	Paints & Varnishes
Replacol 237	160-164	150-156	25Max.	12Max.	40-55 secs	Heatset, quickset, high gloss, web offset printing inks

ALKYL PHENOL FORMALDEHYDE RESINS

Product Nomenclature	Appearance	Melting Point Capillary (°C)	Methyl 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 262	Light Yellow solid lumps	60-70	8-12	15 Max.	6 Max.	0.5-0.85	Weather & Chemical resistant varnishes & paints based on RLO, DCO & tung oil. Auto primer varnishes & 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

BUTYLATED PHENOLIC RESINS

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

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