

Pentalyn™ 670-M resin is a partially esterized fumaric adduct of rosin, designed mainly for application in rotogravure inks, with modified RS nitrocellulose.

- Compatible with acrylic resins
- Compatible with nitrocellulose

Property	Typical Value	Unit	Method ¹
Description, Base Resin	Gum Rosin-fumaric acid modified pentaerythritol ester		
Color, Gardner	<10		50% solids in toluene
Acid Number	176	mg KOH/g	
Gardner Viscosity	F>		60 % Ethanol
Appearance	Crystalline Solid		

¹ internal method based upon the specified norm

Applications

Caulks and Sealants, Carpet, Packaging Inks, Correction fluids, Protective films, Metal coatings, Asphalt and Road Construction, Waterproofings, Wire and cable, Other adhesives

Compatibility and Solubility

Pentalyn™ 670-M resin is compatible with acrylic resins and SS Nitrocellulose. It is incompatible with polyamides. This resin is soluble in alcohols (Ethyl, Isopropyl, etc., partially soluble in aromatic solvents (Toluene, Xylene) and insoluble in aliphatic solvents (Gas naphtha, gas solvent). Pentalyn™ 670-M resin is also soluble in diethyleneglycol.

Storage

The large contact surface the pieces of resin present make them susceptible to gradual oxidation, which can be more advanced in some batches than others. This can cause darkening and/or affect the resin's solubility in organic solvents. Therefore, we strongly recommend keeping strict control of inventories at all times, and taking special care to ensure that the oldest material is used first. We suggest a shelf life of 1 year for this product.