

POLYTONE™ SYNTHETIC RESINS

Alkyl Phenolic Resins

TECHNICAL DATA

POLYTONE™ AP 109D

Chemical Classification	PTBP Formaldehyde Resin (Resole)
Type	Heat Reactive/Adhesive Resin
Physical Form	Broken Lumps
Colour	Honey Colour/Reddish
Softening Point (B & R)	95° C – 110 ° C
Viscosity of 60% solution in Toluene at 30° C by B 4 Ford Cup	35 - 80 sec
Methylol Content	10-14 %
Moisture Content	0.5% Max

Properties & Usage

POLYTONE™ AP 109D is a heat reactive alkyl phenolic resin formulated for use in the manufacture of contact adhesives / cements based on polychloroprene or other elastomers. Use of POLYTONE™ AP 109D imparts good open time combined with excellent green tack and cohesive strength in rubber based adhesives. Use of POLYTONE™ AP 109D is also useful for increasing the storage stability and heat resistance of the adhesive

Applications

Rubber Adhesives, Upholstery Adhesives, Shoe Adhesives, Leather Adhesives, Automobile Adhesives, Adhesives with Flexing Property, Rubber Goods, Enamels, Coatings, Varnishes and many more.

Solubility

POLYTONE™ AP 109D is soluble in aromatic hydrocarbon solvents, chlorinated hydrocarbons, ketones and esters etc

Packaging

Available in 25 Kg bags

Shelf Life

Store under cool dry conditions. It is recommended that the material be used within 12 months from the date of manufacture