

## POLYTONE™ SYNTHETIC RESINS

### Alkyl Phenolic Resins

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#### TECHNICAL DATA

#### POLYTONE™ AP 109D

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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

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#### 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