

POLYTONE™ SYNTHETIC RESINS

Alkyl Phenolic Resins

TECHNICAL DATA

POLYTONE™ AP 114

Chemical Classification	PTBP Formaldehyde Resin (Resole)
Type	Heat Reactive/Adhesive Resin
Physical Form	Broken Lumps
Colour	Dark Violet
Melting Point (Capillary)	70° C – 80 °
Softening Point (B & R)	82° C – 92 ° C
Methylol Content	12-17 %
Moisture Content	0.5% Max

Properties & Usage

POLYTONE™ AP 114 is a heat reactive alkyl Phenolic resin formulated for use in Neoprene rubber adhesives. It imparts low initial viscosity and viscosity stability to adhesives of this type. AP 114 can also be used with the adhesive grades of chloroprene where good bond strength at room and elevated temperatures are required. Up gradation of Neoprene and adhesive grades of Chloroprene rubber used in rubber based adhesives.

Applications

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

Solubility

POLYTONE™ AP 114 is soluble in aromatic solvents including toluene, benzene, ketones and chlorinated hydrocarbon.

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