

POLYTONE™ SYNTHETIC RESINS

Alkyl Phenolic Resins

TECHNICAL DATA	POLYTONE™ AP 112 XD
Chemical Classification	PTBP Formaldehyde Resin (Resole)
Type	Heat Reactive/Adhesive Resin
Physical Form	Broken Lumps
Colour	Pale Yellow to Light Brown
Melting Point (Capillary)	60° C – 70 ° C
Softening Point (B & R)	75° C – 85 ° C
Methylol Content	10-13 %
Moisture Content	0.5% Max

Properties & Usage

POLYTONE™ AP 112 XD is a heat reactive toluene free alkyl phenolic resin formulated for use in Neoprene rubber adhesives. It imparts low initial viscosity and viscosity stability to adhesives of this type. POLYTONE™ AP 112 XD 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. POLYTONE™ AP 112 XD is also used in Tung Oil, Long oil, based alkyl insulating varnishes, auto primer varnishes and wire enamels.

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 112 is soluble in aromatic solvents including toluene, benzene, ketones and chlorinated hydrocarbon

Packaging

Available in 25 Kg bags