

PHENOL FORMALDEHYDE RESIN

Property & Usage

SumTac™ Phenol Formaldehyde Resin is irregular transparent solid and soluble in ester, gum turpentine, gasoline solvent, dry oil, etc. It's made from condensation of p-tertiary butyl phenol (p-t-butyl phenol) and formaldehyde under catalysis of calcium hydroxide, also named as Alkyl-Phenol Formaldehyde Resin.

Due to its reactive methylol groups, it's most widely used in making polychloroprene contact cements that exhibit long open times and metal coatings. It's soluble Aromatic and aliphatic hydrocarbons, esters, ketones, and partially in higher alcohols. It's completely compatible with nitrile and polychloroprene rubbers. It has a compatibility limit of approximately 25 parts by weight in combination with 100 parts by weight of SBR, natural, and reclaimed rubbers.

Usage in high quality paint, coating and adhesive agent & vulcanized agent of rubber products. It's extensively employed in the preparation of general purpose and heat-activating polychloroprene cements. It can also be used in formulating adhesives with NBR, SBR, natural and reclaimed rubbers.

Technical Data Sheet

PHENOL FORMALDEHYDE RESIN F7522

Appearance	clear yellowish solid (irregular pieces)
Softening point (R&B, deg C)	85 - 115
Hydroxymethlate content	9 - 15%
Free phenol content	1.5% max.
Free aldehyde content	0.5% max.

Package & Notice

Package	20'FCL load	20'FCL palletized
25kg net kraft polybag	18mt (720bags)	16mt (640bags)
Chemical Formula	CAS Number	HS CODE
(C ₁₀ H ₁₄ O·CH ₂ O) _x	9003-35-4	39094000
Standard	Storage	
industry standard	In cool place, avoid fire and high temperature.	

