

# PHENOL FORMALDEHYDE RESIN

## Property & Usage

**Megachem-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 in aromatic or aliphatic hydrocarbons, esters, ketones, partially in higher alcohols and completely compatible with nitrile and polychloroprene rubbers. It has a compatibility limit of about 25 in combination with 100 parts by weight of SBR, natural, and reclaimed rubbers.

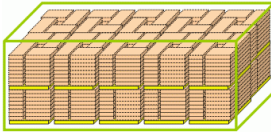
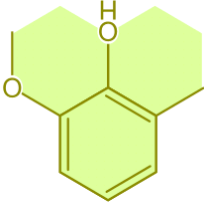
Usage in high quality paint, coating and adhesive agent & vulcanized agent of rubber products. It's extensively employed in the preparation of general purpose and heat-activating polychloroprene cements. It can also be used in formulating adhesives with NBR, SBR, natural and reclaimed rubbers.

## Technical Data Sheet

### PHENOL FORMALDEHYDE RESIN F7522

Appearance	clear yellowish solid (irregular pieces/flakes)
Color (Gardner)	4 - 8
Softening point (R&B, deg C)	85 - 115
Hydroxymethylate content	9 - 15%
Free phenol content	1.5% max.
Free aldehyde content	0.5% max.

## Package & Notes

<b>Package</b> 25kg net kraft polybag 25kg net kraft polybag	<b>20'FCL load</b> 18mt (720bags) 16mt (640bags)-pallet	
<b>Structural - (C<sub>10</sub>H<sub>14</sub>O·CH<sub>2</sub>O)<sub>x</sub></b> 	<b>CAS Number</b> 9003-35-4/25085-50-1  <b>HS Code</b> 39094000  <b>Storage</b> In cool place, avoid fire and high temperature.	<b>EC# (EINECS#)</b> 500-005-2/607-533-3  <b>Standard</b> industry standard