

POLYTONE™ SYNTHETIC RESINS

Alkyl Phenolic Resins

TECHNICAL DATA

POLYTONE™ AP 130

Chemical Classification	PTBP Formaldehyde Resin(Novolac)
Type	Non Heat Reactive/Reinforcing Resin
Physical Form	Broken Lumps
Colour	Pale Yellow/light Reddish Brown
Softening Point (B & R)	90° C – 103 ° C
Acid Value	45 mg KOH/ g resin (Max)
Free Phenol	1.0% Max
Ash Content	0.1% Max

<u>Applications</u>	POLYTONE™ AP 130 is a non heat reactive thermoplastic alkyl phenolic resin designed to give a consistent performance as a reinforcing resin in synthetic and natural rubber based goods that require high hardness, excellent chip and abrasion resistance when cross linked with a methylene donor. POLYTONE™ AP 130 is used as a reinforcing resin in tire beads, shoe soles, apex strips and co-extruded window profiles.
<u>Industrial Applications</u>	Tyre /Tire Building, Conveyor Belts, Rubber Hose, Rubber Lining, Shoe Soles, Apex Strips, Tire Beads, Tire Treads, Rubber Mats, Rubber Sheets, Reinforced Rubber, Fabric Lined Rubber, Rubber Adhesives, Rubber Goods and many more.
<u>Solubility</u>	POLYTONE™ AP 130 is soluble in esters, ketones, aromatic and aliphatic chlorinated hydrocarbons. Insoluble in alcohols.
<u>Compatibility</u>	Excellent compatibility in synthetic and natural rubbers. Blends easily into rubber stocks
<u>Packaging</u>	Available in 25 Kg bags
<u>Shelf Life</u>	Store under cool dry conditions. It is recommended that the material be used within 12 months from the date of manufacture