



## **POLYTONE SYNTHETIC RESINS**

### **Alkyl Phenolic Resins**

<b>TECHNICAL DATA</b>	<b>POLYTONE AP 133</b>
Chemical Classification	Phenol Formaldehyde Resin(Novolac)
Type	Non Heat Reactive/Reinforcing Resin
Physical Form	Broken Lumps
Colour	Pale Amber
Softening Point (B & R)	100° C – 110 ° C
Acid Value	65 - 68 mg KOH/ g resin (Max)
Free Phenol	1.0% Max
Ash Content at 850° C	0.1% Max

#### **Applications**

POLYTONE AP 133 is a non heat reactive thermoplastic unmodified 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 133 is used as a reinforcing resin in tire beads, shoe soles, apex strips and co-extruded window profiles.

#### **Industrial Applications**

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.

#### **Solubility**

POLYTONE AP 133 is soluble in esters, ketones, aromatic and aliphatic chlorinated hydrocarbons. Insoluble in alcohols

#### **Compatibility**

Excellent compatibility in synthetic and natural rubbers. Blends easily into rubber stocks

#### **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

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