

## POLYTONE™ SYNTHETIC RESINS

### Alkyl Phenolic Resins

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#### TECHNICAL DATA

#### POLYTONE™ AP 121

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Chemical Classification	POP Formaldehyde Resin(Novolac)
Type	Non Heat Reactive/Tackifying Resin
Physical Form	Broken Lumps
Colour	Pale Yellow/light Reddish Brown
Softening Point (B & R)	85° C – 95 ° C
Acid Value	42 mg KOH/ g resin (Max)
Methylol Content	1.0% Max
Ash Content	0.1% Max
Acetone Insolubles	0.3% Max
Moisture Content	0.2% Max

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<b><u>Applications</u></b>	POLYTONE™ AP 121 is a non heat reactive thermoplastic alkyl phenolic resin designed to develop high tack levels in rubber compounds which are used in tyre construction and mechanical goods. This resin provides tack in elastomers that are usually difficult to tackify. POLYTONE™ AP 121 is used as tackifier in the manufacture of rubber goods such as in tire industry and in the manufacture of mechanical goods.
<b><u>Industrial Applications</u></b>	Tyre /Tire Building, Conveyor Belts, Rubber Hose, Rubber Lining, Rubber Mats, Rubber Sheets, Reinforced Rubber, Fabric Lined Rubber, Rubber Adhesives, Rubber Goods and many more.
<b><u>Solubility</u></b>	POLYTONE™ AP 121 is soluble in esters, ketones, aromatic and aliphatic chlorinated hydrocarbons. Insoluble in alcohols.
<b><u>Compatibility</u></b>	Excellent compatibility in synthetic and natural rubbers. Blends easily into rubber stocks
<b><u>Packaging</u></b>	Available in 25 Kg bags
<b><u>Shelf Life</u></b>	Store under cool dry conditions. It is recommended that the material be used within 12 months from the date of manufacture