

## POLYTONE™ SYNTHETIC RESINS

### Alkyl Phenolic Resins

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#### TECHNICAL DATA

#### POLYTONE™ AP 120

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Chemical Classification	PTBP Formaldehyde Resin(Novolac)
Type	Non Heat Reactive/Tackifying Resin
Physical Form	Broken Lumps
Colour	Pale Yellow/light Reddish Brown
Softening Point (B & R)	92° C – 103 ° 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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#### Properties & Usage

POLYTONE™ AP 120 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. POLYTONE™ AP 120 is used as tackifier in the manufacture of rubber goods such as tire industry

#### Applications

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.

#### Solubility

POLYTONE™ AP 120 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