

POLYTONE™ SYNTHETIC RESINS

Alkyl Phenolic Resins

TECHNICAL DATA

POLYTONE™ AP 120

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

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