



## POLYTONE™ SYNTHETIC RESINS Phenol Formaldehyde Resin

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### TECHNICAL DATA

### POLYTONE™ PF 132 C

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#### PART 1 /RESIN

Chemical Classification	Phenol Formaldehyde Resin
Physical Form	Lump ( Part 1)
Color	Yellow to Reddish Brown
Melting Point (Capillary)	70° C – 85 ° C

#### PART 2/CATALYST

Physical Form	Crystalline Powder (Part 2)
Color	White

#### PART 1 + PART 2

Part 2 Catalyst / Hexa Content	7% - 9% of (Part 1 + Part 2)
Inclined Plate Flow@125° C	30 – 45 mm
Hot Plate Cure @ 160° C	40 – 65 sec

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#### Properties & Usage

POLYTONE™ PF 132 C is a phenol – formaldehyde resin to be mixed with Hexa or Part 2 Catalyst. POLYTONE™ PF 132 C (Part 1 + 2) effortlessly penetrates and adheres to the structure of many organic and inorganic fillers and reinforcements which makes it an ideal candidate for various end uses.

#### Usage Suggestions :

- 1 .Part 1 should be powdered and mixed with Part 2 as per suggested loading quantity. Cured at necessary temperature.
2. Part 1 + Part 2 to be mixed and dissolved in Alcohol/Ketone to prepare a solution. Solution to be mixed with filler etc or applied on surface and cured.

#### Industrial

Molding Powder, Molding Compounds, Abrasive, Grinding Wheels, Binder, Foundry Binder, Housings,

P&P/TDS/POLYTONE™ PF132/REV000/23.06.2012

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**Applications**

Laminates, Corrugated Box Manufacture, Ply Wood, Particle Board, Hard Board, Binder in Pyrotechnic Compositions and many more  
Resin/ Part 1 is applicable in Ink Industry.

**Solubility**

POLYTONE™ AP 132 is soluble in alcohols, esters, ketones, aromatic and aliphatic chlorinated hydrocarbons.

**Packaging**

Available in 25 Kgs Standard Bags ( Resin/Part 1)

**Shelf Life**

Store under cool dry conditions. It is recommended that the material be used within 12 months from the date of manufacture (Resin/Part 1)

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