

POLYTONE™ SYNTHETIC RESINS Modified Phenolic Resins

TECHNICAL DATA

POLYTONE™ P 145

Chemical Classification	Rosin Modified Penta Esterified, Phenol Formaldehyde Resin
Physical Form	Yellowish Solid Lumps
Colour (50% Solution in Toluene)	12 MAX [Gardner Scale]
Melting Point (Capillary)	140° C – 165 ° C
Viscosity of 50% solution in Toluene at 30° C byB 4 Ford Cup	50 - 70 sec
Acid Value	25 mg KOH/ g resin (Max)
Methanol No.	25 – 35
Solubility in MTO	30 - 40

**Properties &
Usage**

POLYTONE™ P 145 is a high melting, high molecular weight modified Phenolic resin suitable for the manufacture of high grade quickset / sheet fed inks - imparting excellent gloss and giving sharp prints with excellent press stability. POLYTONE P 145 is ideally suited for heat set inks because of its solubility in aliphatic hydrocarbon solvents.

**Industrial
Applications**

Offset Printing Inks, Flexographic Inks, Gravure Inks, Printing Inks, Heat Set Inks Varnishes and many more

Solubility

POLYTONE™ P 145 gives good solubility with Aliphatic Hydrocarbons. It is completely soluble with Aromatic Hydrocarbons, Esters and Varnish Oils

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