

## POLYTONE™ SYNTHETIC RESINS Modified Phenolic Resins

TECHNICAL DATA	POLYTONE™ P 141
Chemical Classification	Rosin Modified Penta Esterified, Phenol Formaldehyde Resin
Physical Form	Broken Lumps
Colour	Yellowish-Brown
Melting Point (Capillary)	135° C – 145 ° C
Viscosity of 50% solution in Toluene at 30° C by B 4 Ford Cup	28 - 36 sec
Acid Value	20 mg KOH/ g resin (Max)
MTO Tolerance of 50% solution in Toluene	1:10 Min

**Properties &  
Usage**

POLYTONE™ P 141 is a high melting modified Phenolic resin suitable for manufacture of offset printing inks where low body is required. This resin possesses excellent properties along with good distribution & transference properties in o/s printing inks.  
POLYTONE™ P 141 finds its use in Liquid inks of scratch-proof & better solvent release properties.

**Industrial  
Applications**

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

**Solubility**

POLYTONE™ P 141 gives good solubility with Aliphatic Hydrocarbons. It is completely soluble with Aromatic Hy Esters and Varnish Oils, POLYTONE™ P 141 is insoluble in Aldehydes

**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