



**polyols &
polymers**

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 Hydrocarbons, 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

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