



## **POLYTONE SYNTHETIC RESINS Modified Phenolic Resins**

<b>TECHNICAL DATA</b>	<b>POLYTONE P 142</b>
Chemical Classification	Rosin Modified Penta Esterified, Phenol Formaldehyde Resin
Physical Form	Broken Lumps
Colour	Yellowish-Brown
Melting Point (Capillary)	137° C – 147 ° C
Viscosity of 50% solution in Toluene at 30° C by B 4 Ford Cup	45 - 65 sec
Acid Value	25 mg KOH/ g resin (Max)
MTO Tolerance of 50% solution in Toluene	1:10 Min

**Properties &  
Usage**

POLYTONE P 142 is a high melting modified Phenolic resin suitable for manufacture of letterpress inks, offset printing inks with excellent water repellent properties. This resin possesses excellent properties along with good distribution & transference properties in o/s printing inks. POLYTONE P 142 finds its use in high gloss gravure printing inks.

**Industrial  
Applications**

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

**Solubility**

POLYTONE P 142 gives good solubility with Aliphatic Hydrocarbons. It is completely soluble with Aromatic Esters and Varnish Oils, POLYTONE P 142 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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