



## POLYTONE™ SYNTHETIC RESINS Modified Phenolic Resins

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<b>TECHNICAL DATA</b>	<b>POLYTONE™ P 146</b>
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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)	130° C – 160 ° C
Viscosity of 50% solution in Toluene at 30° C by B 4 Ford Cup (BYK Make)	170 - 190 sec
Heptane Value	20±1 ml
Acid Value	25 mg KOH/ g resin (Max)
MTO Tolerance of 50% solution in Toluene	1:7 Min

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**Properties &  
Usage**

POLYTONE™ P 146 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 146 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 146 gives good solubility with Aliphatic Hydrocarbons. It is completely soluble with Aromatic 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

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