

## POLYTONE™ SYNTHETIC RESINS Modified Phenolic Resins

| TECHNICAL DATA                                                   | POLYTONE™ P 143                                               |
|------------------------------------------------------------------|---------------------------------------------------------------|
| Chemical Classification                                          | Rosin Modified Penta Esterified,<br>Phenol Formaldehyde Resin |
| Physical Form                                                    | Broken Lumps                                                  |
| Colour                                                           | Yellowish-Brown                                               |
| Melting Point (Capillary)                                        | 145° C – 155 ° C                                              |
| Viscosity of 50% solution in<br>Toluene at 30° C by B 4 Ford Cup | 70 - 90 sec                                                   |
| Acid Value                                                       | 30 mg KOH/ g resin (Max)                                      |
| MTO Tolerance of 50% solution in<br>Toluene                      | 1:15 Min                                                      |

|                                       |                                                                                                                                         |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <b><u>Properties &amp; Usage</u></b>  | POLYTONE™ P-143 is a high melting modified Phenolic resin suitable for manufacture of high gloss quickset sheet fed and web offset inks |
| <b><u>Industrial Applications</u></b> | Offset Printing Inks, Flexographic Inks, Gravure Inks, Printing Inks, Varnishes and many more                                           |
| <b><u>Solubility</u></b>              | POLYTONE™ P-143 gives good solubility with Aliphatic Hydrocarbons. It is completely soluble with Aromatic Esters and Varnish Oils       |
| <b><u>Packaging</u></b>               | Available in 25 Kg bags                                                                                                                 |
| <b><u>Shelf Life</u></b>              | 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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