

Product Name: TP Series

Product Properties: Water-Based Printing Ink

DEFINITION

- The PolyTone Series is a water-based flexographic printing ink series specially developed for printing applications on polyethylene (PE) coated and laminated packaging surfaces.

TECHNICAL SPECIFICATIONS

Physical Appearance	Liquid
Colour	Specific
Viscosity (Din4/25°C)	18-50 s.
pH	9 ± 0,5
Odour	Characteristic
Density (20°C)	1,05 ± 0,05 g/cm ³

APPLICATION

- The PolyTone Series is suitable for flexographic printing on PE-coated cups and laminated packaging applications. Smooth ink transfer ensures homogeneous film formation and helps achieve high print quality with sharp details. Its superior surface adhesion supports resistance against peeling and cracking.
- For optimum adhesion performance, the surface energy of laminated substrates is recommended to be above 38 dyn/cm.
- The ink should be stirred until homogeneous before use.
- Depending on application requirements, defoamers, drying accelerators/retarders, and diluting varnishes may be used.
- Do not mix with solvents.

STORAGE

- The product has a shelf life of 6 months when stored in its original, unopened packaging under cool, dry conditions and protected from direct sunlight.