

Technical Information

INOLUB™T112F is a PTFE micropowder with discrete particles and good powder flow.

INOLUB™ T112F is primarily designed for use in paint , coating and ink application as an additive at concentrations in the range of 0.5-3.0 %.

Product features and benefits

- ◆ Improved abrasion and rub resistance
- ◆ Improved non-stick performance and anti-friction properties
- ◆ Reduce blocking
- ◆ Inert thickener for greases
- ◆ Discrete particles, providing minimal rheological impact in thermoplastics

Typical Properties of INOLUB™ T112F

Properties	Test Method	Unit	Nominal Value
Appearance	-	-	White free flowing powder
Bulk Density	ASTM D4894	g/l	400
Mean Particle Size	ASTM D4894	µm	5
Specific Surface area	Nitrogen Adsorption	m ² /g	<3
Melting point	ASTM D4894	°C (°F)	332 (629)

Note-These are typical properties and not to be used for specification purposes

Typical end use applications

INOLUB™T112F is a has a narrow particle size distribution which is well suited for use in offset inks to improve scratch resistance. INOLUB™T112F can be used for blending with micronized PE wax, which can be used in inks and coating formulations.

For more information, please contact Gujarat Fluorochemicals Limited

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FDA/EU Statement

INOLUB™T112F meets the compositional requirement of Food and Drug Administration (FDA) regulation 21C.F.R.177.1550, and EU food contact regulation 10/2011.A detailed statement is available upon request.

Storage

INOLUB™T112F may be stored indefinitely, provided that the packaging remains unopened and that it has been stored in a clean and dry area at temperature below 27°C (80°F).

Safety and Handling

Although INOLUB™T112F presents no safety hazard under normal handling conditions, please refer to the material safety data sheet to avoid potential hazards prior to processing.

Packaging

INOLUB™T112F is available in 25 kg corrugated boxes, packed in polyethylene liner.

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Note warning: Do not use any of INOLUB™ PTFE additives in medical devices that are designed for permanent implantation in the human body. For other medical uses, prior permission of GFL may be sought.

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