

Technical Information

INOLUB™T104F is PTFE micropowder with the ability to shear down to very fine particles, providing excellent mixing and dispersion in the desired medium.

INOLUB™T104F can be used in a wide range of applications as an additive at concentrations levels in the range of 1-20 %. Its low molecular weight distinguishes it from GFL INOFLON® PTFE and cannot be used directly in moulding or extrusion.

Product features and benefits

- ◆ Low friction and squeak
- ◆ Excellent wear resistance
- ◆ Improved stain resistance and soil release
- ◆ Dispersible particles for ultrafine dispersion
- ◆ High surface area giving good thickening effect

Typical Properties of INOLUB™ T104F

Properties	Test Method	Unit	Nominal Value
Appearance	-	-	White free flowing powder
Bulk Density	ASTM D4895	g/l	400
Mean Particle Size	ASTM D4895	µm	4
Specific Surface area	Nitrogen Adsorption	m ² /g	>7
Melting point	ASTM D4894	°C (°F)	333 (631)

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

Typical end use applications

INOLUB™T104F can be used as an additive in a wide range of polymers*, coatings and paints, rubbers, cosmetics and lubricants. Easy handling option as a drip suppressant in flame retardant formulations (polymers).

*For POM, INOLUB™T201F is recommended

For more information, please contact Gujarat Fluorochemicals Limited

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FDA/EU Statement

INOLUB™T104F 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™T104F 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™T104F 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™T104F is available in 25 kg corrugated boxes, packed in a 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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