

Technical Information

INOLUB™T109 is a PTFE micropowder with discrete particles and good powder flow. Viscosity effects are minimised and migration tendency is also reduced.

INOLUB™T109 is primarily designed for use in high performance polymer applications, where it is used as an additive at concentrations in the range of 1-20%. Its low molecular weight distinguishes it from GFL INOFLON®PTFE and it 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
- ◆ Improved pressure velocity limits
- ◆ Discrete particles, providing minimal rheological impact

Typical Properties of INOLUB™ T109

Properties	Test Method	Unit	Nominal Value
Appearance	-	-	White free flowing powder
Bulk Density	ASTM D4894	g/l	400
Mean Particle Size	ASTM D4894	µm	9
Specific Surface area	Nitrogen Adsorption	m ² /g	<3
Melting point	ASTM D4894	°C (°F)	327 (621)

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

Typical end use applications

INOLUB™T109 is used in a wide range of polymers to reduce friction and wear, and to improve non-stick performance.

For more information, please contact Gujarat Fluorochemicals Limited

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Storage

INOLUB™T109 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™T109 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™T109 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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