

T109

TECHNICAL DATA SHEET

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

- 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

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.

INOLUB™ T109

PACKAGING

INOLUB™ T109 is available in 25 kg corrugated boxes, packed in polyethylene liner.

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 before processing.

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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.

SALES AND TECHNICAL SUPPORT

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