

# T106

## TECHNICAL DATA SHEET

### TECHNICAL INFORMATION

INOLUB™ T106 is a PTFE micropowder with discrete particles and good powder flow. It is typically used as an additive at concentrations in the range of 1-20 %.

### PRODUCT FEATURES

- Low friction and squeak
- Excellent wear resistance
- Improved stain resistance and soil release
- Inert thickener for greases
- Improved tear resistance (mould release)
- Discrete particles, providing reduced rheological impact in thermoplastics

### 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	4
Specific surface area	Nitrogen Adsorption	m <sup>2</sup> /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™ T106 is a versatile grade used in high-performance elastomers, coatings, and thermoplastic resins, as well as lubricants and greases. Its low molecular weight distinguishes it from GFL INOFLON® PTFE and cannot be used directly in moulding or extrusion.

# INOLUB™ T106

## PACKAGING

INOLUB™ T106 is available in 25 kg corrugated boxes, packed in polyethylene liner.

## STORAGE

INOLUB™ T106 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™ T106 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.

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