

# T111

## TECHNICAL DATA SHEET

### TECHNICAL INFORMATION

INOLUB™ T111 is a PTFE micropowder with discrete particles and good powder flow. It is produced from high quality virgin PTFE. INOLUB™ T111 is primarily designed for use in paint, coating and ink applications, where it is used as an additive at concentration in the range of 0.5 -3 %.

### PRODUCT FEATURES

- Improved abrasion, rub resistance and antislippery
- Improved non-stick performance and anti-friction properties
- Reduced blocking
- 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	350
Mean particle size	ASTM D4894	µm	3
Specific surface area	Nitrogen Adsorption	m <sup>2</sup> /g	<3
Melting point	ASTM D4894	°C (°F)	320 (608)

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

### TYPICAL END USE APPLICATIONS

INOLUB™ T111 has narrow particle size distribution which is well suited for use in offset inks to improve abrasion resistance, imparting non-stick properties that prevent the printed image from sticking.

INOLUB™ T111 can also be used in paints and thin coatings, imparting rub, scuff, and scratch resistance.

# INOLUB™ T111

## PACKAGING

INOLUB™ T111 is available in 25 kg corrugated boxes, packed in green coloured polyethylene liner.

## STORAGE

INOLUB™ T111 may be stored indefinitely, provided that the packaging remains unopened and that it has been stored in a clean and dry area.

## SAFETY AND HANDLING

Although INOLUB™ T111 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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