

T315F

TECHNICAL DATA SHEET

TECHNICAL INFORMATION

INOLUB™ T315F is a PTFE micropowder with discrete particles and “best in class” powder flow. INOLUB™ T315F is one of our most versatile products and can be used in a wide range of applications 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 molding 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
- Reduced chemical interaction with sensitive media

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	15
Specific surface area	Nitrogen Adsorption	m ² /g	<3
Melting point	ASTM D4894	°C (°F)	326 (619)

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

TYPICAL END USE APPLICATIONS

INOLUB™ T315F is a versatile product and can be used as an additive in polymers, coatings and paints, rubbers, and inks.

INOLUB™ T315F is used in wide range of polymers to reduce friction, wear and is very suitable for sensitive polymers (such as POM or PEEK). Its discrete particle provides minimal viscosity impact on coating and ink formulations.

FOOD CONTACT STATEMENT

INOLUB™ T315F meets the compositional requirement of EU food contact regulation 10/2011. A detailed statement is available upon request.

INOLUB™ T315F

PACKAGING

INOLUB™ T315F is available in 25 kg corrugated boxes, packed in a green colored polyethylene liner.

STORAGE

INOLUB™ T315F 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™ T315F 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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