

T305

TECHNICAL DATA SHEET

TECHNICAL INFORMATION

INOLUB[®] T305 is a PTFE micropowder with discrete particles and good powder flow. It is primarily designed for use in paint, coating and ink applications, where it is used as an additive at concentrations in the range of 0.5-3.0%.

FEATURES AND BENEFITS

- Improved non-stick performance and antifriction properties
- Reduced blocking
- Improved abrasion, rub resistance and anti-scratching
- Discrete particles, providing minimal rheological impact

PROPERTIES

Properties	Test Method	Unit	Nominal Value
Appearance	-	-	White free flowing powder
Bulk Density	ASTM D4894	g/l	250
Mean particle size (D50)	ASTM D4894	µm	5
Specific surface area	Nitrogen Adsorption	m ² /g	<3
Melting point	ASTM D4894	°C (°F)	325 (617)

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

TYPICAL END USE APPLICATIONS

INOLUB[®] T305 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. It can also be used in paints and thin coatings imparting rub, scuff and scratch resistance.

REACH COMPLIANCE

INOLUB[®] T305 does not contain PFOA and PFOS, intentionally or unintentionally, and comply with REACH regulations for POPs as per (EU) 2019/1021 & EU 2020/784.

FDA STATEMENT

INOLUB[®] T305 meets the compositional requirement of EU food contact regulation 10/2011. A detailed statement is available upon request.

INOLUB® T305

PACKAGING

INOLUB® T305 is available in 12.5 kg corrugated boxes, packed in a polyethylene liner.

STORAGE

INOLUB® T305 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® T305 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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