

T1040F

TECHNICAL DATA SHEET

TECHNICAL INFORMATION

INOLUB™ T1040F is PTFE micropowder with the ability to shear down to very fine particles, providing excellent mixing and dispersion in the desired medium.

INOLUB™ T1040F can be used in a wide range of applications as an additive at concentrations levels in the range of 1-20%. Its low molecular weight distinguishes it from GFL INOFLON® PTFE and cannot be used directly in molding or extrusion.

PRODUCT FEATURES

- Low friction and squeak
- Excellent wear resistance
- Improved stain resistance and soil release
- Dispersible particles for ultrafine dispersion
- High surface area giving good thickening effect

TYPICAL PROPERTIES

Properties	Test Method	Unit	Nominal Value
Appearance	-	-	White free flowing powder
Bulk density	ASTM D4894	g/l	500
Mean particle size	ASTM D4894	µm	>6
Specific surface area	Nitrogen Adsorption	m ² /g	<40
Melting point	ASTM D4894	°C (°F)	331 (631)

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

TYPICAL END USE APPLICATIONS

INOLUB™ T1040F can be used as an additive in a wide range of polymers*, coatings and paints, rubbers, cosmetics and lubricants. Easy handling option as a drip suppressant in flame retardant formulations (polymers).

*For POM, INOLUB™ T201F is recommended

FDA/EU STATEMENT

INOLUB™ T1040F meets the compositional requirement of Food and Drug Administration (FDA) regulation 21C.F.R.177.1550, and EU food contact regulation 10/2011. A detailed statement is available upon request.

INOLUB™ T1040F

PACKAGING

INOLUB™ T1040F is available in 25 kg corrugated boxes, packed in a green colored polyethylene liner.

STORAGE

INOLUB™ T1040F 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™ T1040F 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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