

## Technical Information

INOLUB™T301F is a PTFE micropowder with discrete particles and “best in class” powder flow.

INOLUB™T301F 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 moulding or extrusion.

## Product features and benefits

- ◆ Low friction and squeak
- ◆ Excellent wear resistance
- ◆ Improved stain resistance and soil release
- ◆ Reduced chemical interaction with sensitive media
- ◆ Improved pressure velocity limits
- ◆ Discrete particles, providing minimal rheological impact
- ◆ FDA/EU compliant

## Typical Properties of INOLUB™ T301F

Properties	Test Method	Unit	Nominal Value
Appearance	-	-	White free flowing powder
Bulk Density	ASTM D4894	g/l	250
Mean Particle Size	ASTM D4894	µm	8
Specific Surface area	Nitrogen Adsorption	m <sup>2</sup> /g	<3
Melting point	ASTM D4894	°C (°F)	327

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

## Typical end use applications

INOLUB™T301F is a versatile product and can be used as an additive in polymers, coatings and paints, rubbers and inks.

INOLUB™T301F can be used in polymer application requiring food compliance (FDA and EU 10/2011) and is very suitable for sensitive polymers (such as POM or PEEK). Its discrete particle provides minimal viscosity impact on coating and inks formulations.

For more information, please contact Gujarat Fluorochemicals Limited

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## FDA/EU Statement

INOLUB™T301F 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.

## Storage

INOLUB™T301F 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™T301F presents no safety hazard under normal handling conditions, please refer to the material safety data sheet to avoid potential hazards prior to processing.

## Packaging

INOLUB™T301F is available in 12.5 kg corrugated boxes, packed in a green coloured polyethylene liner.

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**Note 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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