

## T212F

# TECHNICAL DATA SHEET

### TECHNICAL INFORMATION

INOLUB® T212F is agglomerated PTFE micropowder with the ability to shear down to very fine particles (less than one micron), providing excellent mixing and dispersion in the desired medium.

It is one of our most versatile products and can be used in a wide range of applications including semiconductors, as an additive at concentrations up to 20%.

### FEATURES AND BENEFITS

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

### TYPICAL PROPERTIES

Properties	Test Method	Unit	Nominal Value
Appearance	-	-	White free flowing powder
Bulk density	ASTM D4894	g/l	400
Mean particle size (D50)	ASTM D4894	µm	7
Specific surface area	Nitrogen Adsorption	m <sup>2</sup> /g	12
Mean Melt Flow Index (372°C/10 kg/2.095mm)	ASTM D1238	g/10 min	4.5
Melting point	ASTM D4894	°C (°F)	328 (622)

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

### TYPICAL END USE APPLICATIONS

INOLUB® T212F can be used as an additive in polycarbonate and other polymers for semiconductors and automotive applications, coatings and paints, rubbers, cosmetics, waxes, inks, adhesives, greases and lubricants.

### REACH COMPLIANCE

INOLUB® T212F 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® T212F meets the compositional requirement of food contact regulations US FDA 21C.F.R.177.1550 and EU 10/2011. A detailed statement is available upon request.

# INOLUB® T212F

## PACKAGING

INOLUB® T212F is available in 25 kg corrugated boxes, packed in a polyethylene liner.

## STORAGE

INOLUB® T212F 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® T212F 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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