

T204F

TECHNICAL DATA SHEET

TECHNICAL INFORMATION

INOLUB™ T204F is a PTFE micropowder agglomerate with the ability to shear down to very fine particles (less than one micron), providing excellent mixing and dispersion in the desired medium.

INOLUB™ T204F 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

- Low friction and squeak
- Excellent wear resistance
- Improved stain resistance and soil release
- Reduced chemical interaction with sensitive media
- Dispersible particles for ultrafine dispersion
- High surface area giving very good thickening effect
- FDA/EU compliant

TYPICAL PROPERTIES

Properties	Test Method	Unit	Nominal Value
Appearance	-	-	White free flowing powder
Bulk density	ASTM D4894	g/l	350
Mean particle size	ASTM D4894	µm	4
Specific surface area	Nitrogen Adsorption	m ² /g	12
Melt Flow Index (372°C/2.16 kg/2.095mm)	ASTM D1238	g/10 min	2.5
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™ T204F is a versatile product and can be used as an additive in polymers, coatings and paints, rubbers, cosmetics, waxes, finishes, inks, adhesives, greases and lubricants.

INOLUB™ T204F has a high surface area makes it an excellent thickener in PTFE thickened greases. Its very fine dispersibility makes it the preferred additive for coatings and paints, providing excellent low friction and release characteristics.

FDA/EU STATEMENT

INOLUB™ T204F 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™ T204F

PACKAGING

INOLUB™ T204F is available in 25 kg corrugated boxes, packed in a green colored polyethylene liner.

STORAGE

INOLUB™ T204F 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™ T204F presents no safety hazard under normal handling conditions, please refer to the Material Safety Data Sheet to avoid potential hazards before processing.

INOLUB™ is the brand name of Gujarat Fluorochemicals Limited (GFL) used for its brand of fluoropolymer additives. INOLUB™ can be used in applications duly approved by GFL. Customers who plan to use the word INOLUB™ as the trademark on or relation to their manufactured parts and other products in any style or combination or any manner whatsoever must contact GFL for prior permission for such use. No consumer/user of GFL fluoropolymer additives is permitted to claim that their products contain INOLUB™ without prior permission from GFL.

The information provided in the bulletin is furnished at no cost to the recipient and is based on the information and technical data that Gujarat Fluorochemicals Limited believes is correct and sound. Those who choose to use the information must be technically qualified, and do so entirely at their own cost and risk. The users must determine and ensure that their specific conditions of processing present no health or safety hazards. GFL does not warranty, either expressly or impliedly in respect of the use of this information for application of its INOLUB™ branded fluoropolymer additives and shall bear no liability as a result of any loss or damage caused directly or indirectly due to use of any information provided in this bulletin. Nothing contained herein can be taken or construed as a grant of license by GFL to operate under or a recommendation to infringe any patents.

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

Corporate & Marketing Headquarter

Gujarat Fluorochemicals Limited
INOX Towers, 17, Sector-16A,
Noida - 201301 U.P., India
+91 120 6149600

Europe

Gujarat Fluorochemicals GmbH
Regus Center Watermark 14th Floor,
Überseeallee 10, 20457 Hamburg, Germany
+49 40 808074-667/668

Works

Gujarat Fluorochemicals Limited
12/A Dahej, GIDC, Industrial Estate,
Tehsil Vagra, Dist. Bharuch 392130, Gujarat, India
+91 2641 618003

Americas

GFL Americas, LLC
1212 Corporate Dr., Suite-540,
Irving, TX 75038, USA
+1 512 446 7700

