

Technical Information

INOLUB™T302 is a PTFE micropowder with discrete particles and "best in class" powder flow.

INOLUB™T302 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
- Improved pressure velocity limits
- Discrete particles, providing minimal rheological impact
- Reduced chemical interaction with sensitive media

Typical Properties of INOLUB™ T302

| Properties | Test Method | Unit | Nominal Value |
|-----------------------|---------------------|-------------------|---------------------------|
| Appearance | - | - | White free flowing powder |
| Bulk Density | ASTM D4894 | g/l | 275 |
| Mean Particle Size | ASTM D4894 | µm | 8 |
| Specific Surface area | Nitrogen Adsorption | m ² /g | <3 |
| Melting point | ASTM D4894 | °C (°F) | 326 |

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

Typical end use applications

INOLUB™T302 is a versatile product and can be used as an additive in polymers, coatings and paints, rubbers and inks.

INOLUB™T302 is used in wide range of polymers to reduce friction, wear 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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Food Contact Statement

INOLUB™T302 meets the compositional requirement of EU food contact regulation 10/2011. A detailed statement is available upon request.

Storage

INOLUB™T302 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™T302 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™T302 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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