

Technical Information

INOLUB™R630F is a PTFE micropowder with discrete particles and moderate powder flow. Viscosity effects are minimised, and migration tendency is also reduced.

INOLUB™R630F is one of our most versatile products, and can be used in a wide range of applications as an additive at concentration in the range 1-20%.

Product features and benefits

- ◆ Low friction and squeak
- ◆ Excellent wear resistance
- ◆ Improved stain resistance and soil release
- ◆ Improved pressure velocity limits
- ◆ FDA/EU complaint
- ◆ Discrete particles, providing minimal rheological impact

Typical Properties of INOLUB™ R630F

Properties	Test Method	Unit	Nominal Value
Appearance	-	-	White free flowing powder
Bulk Density	ASTM D4894	g/l	350
Mean Particle Size	ASTM D4894	µm	31
Specific Surface area	Nitrogen Adsorption	m ² /g	<3
Melting point	ASTM D4894	°C (°F)	343 (649)

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

Typical end use applications

INOLUB™R630F is a versatile product and can be used as an additive in polymers, coatings, paints, and lubricants.

INOLUB™R630F may also be used in polymers to reduce friction and wear, and to improve non-stick performance.

For more information, please contact Gujarat Fluorochemicals Limited

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FDA/EU Statement

INOLUB™R630F 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™R630F 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™R630F 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™R630F is available in 25 kg corrugated boxes, packed in a 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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