

INOFLAR[®] 5125

TECHNICAL DATA SHEET

TECHNICAL INFORMATION

INOFLAR[®] 5125 is a high molecular weight PVDF homopolymer suitable for coating and film applications.

PRODUCT FEATURES

- Excellent UV resistant
- High gloss & colour retention
- Outstanding Weatherability
- Good chemical resistance
- Very good abrasion resistance
- High Purity
- INOFLAR[®] PVDF resins are manufactured without the use of fluoro-surfactants.

TYPICAL PROPERTIES

Physical Unit	Unit	Value	Test Method
Specific Gravity	-	1.75 – 1.79	ASTM D792
Water Absorption	%	< 0.04	ASTM D570
Thermal Stability (1% weight loss in Nitrogen)	°C	383-393	TGA
Moisture	%	<0.5	Internal Method
Purity PVDF	%	>99.5	Internal Method
Rheological			
Melt Mass Flow Rate (230 °C, 12.5 Kg Load)	g/10 min	2 – 6	ASTM D1238
Thermal			
Melting Temperature	oC	165-170	ASTM D3418
Other			
Gloss (60°)		>25	ASTM D523



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INOFLAR® 5125

PACKAGING

INOFLAR® 5125 powder is available in 25 Kg packaging.

HANDLING AND STORAGE

INOFLAR® 5125 presents no safety hazard under normal handling conditions. Please refer to the material safety data sheet to avoid potential hazards prior to processing.

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SALES AND TECHNICAL SUPPORT

Corporate & Marketing office:
Gujarat Fluorochemicals Limited
Inox Towers, Plot no. 17, Sector 16/A
Noida-202301, U.P., INDIA
Tel: +91-120-6149600
Fax: +91-120-6149610

Europe
Gujarat Fluorochemicals GmbH
Esplanade 40, 9th Floor
20354 Hamburg, Germany
+49 040 5582 395- 80

Works
Gujarat Fluorochemicals Limited
12/A, GIDC Dahej Industrial Estate.
Tehsil- Vagra, Distt. Bharuch-392230, Gujarat, INDIA
Website: www.fluonox.co.in; www.gfl.co.in
Email: contact@gfl.co.in

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

