INOFLAR®
Polyvinylidene Fluoride

GFL®
GUJARAT FLUOROCHEMICALS
VALUE THROUGH GREEN CHEMISTRY

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	%	<0.1	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	160-170	ASTM D3418
Other			
Gloss (60°)		>25	ASTM D523

FLUORO-SURFACTANT FS FREE
Inoflar® PVDF resins are manufactured without the use of Fluoro-surfactants

INOFLAR® 5125

PACKAGING

INOFLAR® 5125 powder is available in 12.5 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

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