

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

TYPICAL PROPERTIES

Physical	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	°C	165-170	ASTM D3418
Other			
Gloss (60°)		>25	ASTM D523

