

EXPLORE® PVDF

Polyvinylidene Fluoride

Matrix Polymers

Message:

Explore PVDF is a custom-designed rotomoulding grade of Poly(vinylidene Fluoride). This product exhibits outstanding chemical resistance, high temperature resistance, and low permeability to hydrocarbons. It also exhibits flame retardancy.

General Information			
Features	Flame Retardant		
	Good Chemical Resistance		
	Good Moldability		
	High Heat Resistance		
	High Purity		
Appearance	Natural Color		
	Opaque		
Forms	Powder		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.78	g/cm ³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	67		
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	35.0	MPa	ISO 527-2/50
Flexural Modulus	990	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	55.0	°C	ISO 75-2/B

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Recommended distributors for this material

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