

Technical Data Sheet

Polyfort FPP 2478U-3243 RXF BKBLK



Polypropylene, Unspecified (PP, Unspecified)

Product Description

PP 25% Mineral

Processing Method Injection Molding

Filler/Reinforcement Mineral, 25%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density	1.1	g/cm ³	ISO 1183
Mechanical			
Tensile Stress at Yield, (50 mm/min)	22.0	MPa	ISO 527-2
Flexural Modulus, (2.0 mm/min)	2750	MPa	ISO 178
Impact			
Charpy Impact Strength - Notched	22	kJ/m ²	ISO 179
Thermal			
Deflection Temperature Under Load Unannealed (1.80 MPa)	58	°C	ISO 75-2/A
Additional Information			
Filler Content	26	%	ASTM D5630

Injection Parameters	Nominal Value	Units
Drying Time	2.0 to 3.0	hr
Drying Temperature	80	°C
Processing (Melt) Temp	220 to 260	°C
Injection Rate	Moderate-Fast	
Mold Temperature	30 to 60	°C