

Technical Data Sheet

Polyfort FPP 1902HU-3380 02 BLK



Polypropylene, Unspecified (PP, Unspecified)

Product Description

Polyfort FPP 1902HU-3380 is an 11% Talc-Filled, UV Stabilized Polypropylene

Processing Method Injection Molding

Filler/Reinforcement Talc, 11%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate	29	g/10 min	ISO 1133
Density	0.99	g/cm ³	ISO 1183
Mechanical			
Tensile Stress at Yield	29.4	MPa	ISO 527-2
Tensile Strain at Break, (50 mm/min)	18	%	ISO 527-2
Flexural Modulus, (Tangent)	1760	MPa	ISO 178
Flexural Stress	46.9	MPa	ISO 178
Thermal			
Deflection Temperature Under Load Unannealed (1.80 MPa)	123	°C	ISO 75-2/A
Additional Information			
Filler Content	11	%	ASTM D5630

Injection Parameters	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