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Technical Data Sheet

Polyfort FTP 3130HU-2792 STONEGRY



Polypropylene, Compounded (TPO)

Product Description

TPO 20% Talc

Processing Method Injection Molding

Filler/Reinforcement Talc, 21%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density	1.05	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)	2300	MPa	ISO 178
Impact			
Notched Izod Impact Strength	36	kJ/m ²	ISO 180
Thermal			
Deflection Temperature Under Load Unannealed (0.45 MPa)	105	°C	ISO 75-2/B
Deflection Temperature Under Load Unannealed (1.80 MPa)	60	°C	ISO 75-2/A
Additional Information			
Filler Content	21	%	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