

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
<b>Physical</b>			
Density	1.05	g/cm <sup>3</sup>	ISO 1183
<b>Mechanical</b>			
Tensile Stress at Yield, (50 mm/min)	22.0	MPa	ISO 527-2
Flexural Modulus, (2.0 mm/min)	2300	MPa	ISO 178
<b>Impact</b>			
Notched Izod Impact Strength	36	kJ/m <sup>2</sup>	ISO 180
<b>Thermal</b>			
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
<b>Additional Information</b>			
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