

Technical Data Sheet

Polyfort TPP-0140 BK(28M)BLK



Polypropylene, Homopolymer

Product Description

40% Talc Filled, Homopolymer Polypropylene Melt Flow Adjustable for Application Colors Available Add "U" for UV Stabilized Add "H" for Heat Stabilized Meets TSM-5601G-3A

Processing Method	Injection Molding
Attribute	Homopolymer
Appearance	Colors Available
Filler/Reinforcement	Talc, 40%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density - Specific Gravity	1.24	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield	31	MPa	ASTM D638
Flexural Modulus	3590	MPa	ASTM D790
Tensile Elongation at Break	>10	%	ASTM D638
Flexural Strength	53.8	MPa	ASTM D790
Impact			
Notched Izod Impact, (3.18 mm)	27	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	82.2	°C	ASTM D648

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