

Technical Data Sheet

Polyfort FPP 1512E-31 BLACK



Polypropylene, Unspecified (PP, Unspecified)

Product Description

Polyfort FPP 1512E is a 10% Talc-Filled, Low-Flow Polypropylene

Processing Method Extrusion; Injection Molding

Appearance Colors Available

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	0.83	g/10 min	ASTM D1238
Mechanical			
Tensile Strength at Yield	33.9	MPa	ASTM D638
Flexural Modulus, (1.3 mm/min, Secant)	1900	MPa	ASTM D790
Thermal			
Deflection Temperature Under Load Unannealed (66 psi)	114	°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
Injection Rate	Moderate-Fast	
Mold Temperature	30 to 60	°C