

Technical Data Sheet

Polyfort FPP 3790-1527 700 WHI



Polypropylene, Unspecified (PP, Unspecified)

Product Description

Polyfort FPP 3790 is 4% mineral-filled polypropylene with good UV resistance, and exhibits excellent balance of properties and processability. This grade is delivered in many color version.

Processing Method Injection Molding

Appearance Opaque

Filler/Reinforcement Mineral, 4.0%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Volume Flow Rate, (250 °C/5.0 kg)	40	cm ³ /10 min	ISO 1133
Density	1	g/cm ³	ISO 1183
Mechanical			
Tensile Stress at Yield	27	MPa	ISO 527-2
Tensile Strain at Yield	4.5	%	ISO 527-2
Tensile Modulus	1900	MPa	ISO 527-1

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