

Technical Data Sheet

Polyfort PP-60/L/SI/2 WT7757WHI



Polypropylene, Homopolymer

Product Description

PP-60/L/SI/2 WT 7757 is an Unfilled Polypropylene Homopolymer

Processing Method	Injection Molding
Attribute	Homopolymer
Forms	Pellets
Appearance	White

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	5.7	g/10 min	ASTM D1238
Density - Specific Gravity	0.908	g/cm ³	ASTM D792
Mechanical			
Tensile Strength, (23 °C)	33.1	MPa	ASTM D638
Flexural Modulus, (23 °C)	1880	MPa	ASTM D790
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	68.3	°C	ASTM D648

Injection Parameters	Nominal Value	Units
Drying Time	2	hr
Drying Temperature	77	°C
Suggested Max Moisture	0.2	%
Nozzle Temperature	182 to 193	°C
Processing (Melt) Temp	193 to 216	°C
Front Temperature	188 to 204	°C
Middle Temperature	193 to 210	°C
Rear Temperature	182 to 199	°C
Injection Rate	Slow-Moderate	
Back Pressure	0.00 to 0.689	MPa
Mold Temperature	32 to 71	°C