Technical Data Sheet

Fiberfil PP-60/L/SI/2 WT 7757

Polypropylene Homopolymer
LyondellBasell Industries
Engineering Plastics

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

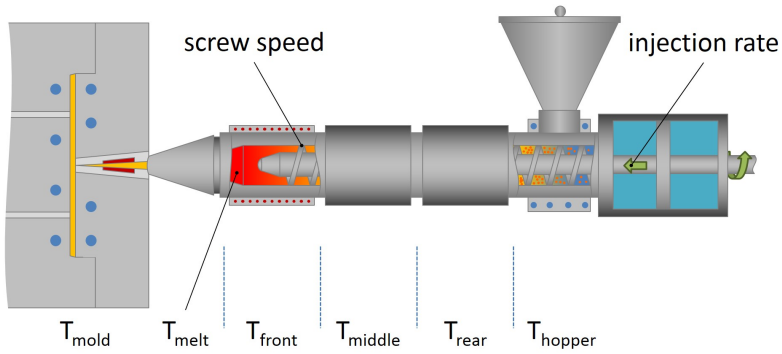
General	
Features	• Homopolymer
Appearance	• White
Forms	• Pellets
Processing Method	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.910	0.908 g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°c/2.16 Kg)	5.7 g/10 min	5.7 g/10 min	ASTM D1238
Mechanical	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Tensile Strength (73°f (23°c))	4800 psi	33.1 MPa	ASTM D638
Flexural Modulus (73°f (23°c))	273000 psi	1880 MPa	ASTM D790
Thermal	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Deflection Temperature Under Load			ASTM D648
264 Psi (1.8 Mpa), Unannealed	155 °F	68.3 °C	

Technical Data Sheet

Fiberfil PP-60/L/SI/2 WT 7757

Polypropylene Homopolymer
LyondellBasell Industries
Engineering Plastics



Injection	Nominal Value (English)	Nominal Value (SI)
Drying Temperature	170 °F	77 °C
Drying Time	2.0 hr	2.0 hr
Suggested Max Moisture	0.20 %	0.20 %
Rear Temperature	360 to 390 °F	182 to 199 °C
Middle Temperature	380 to 410 °F	193 to 210 °C
Front Temperature	370 to 400 °F	188 to 204 °C
Nozzle Temperature	360 to 380 °F	182 to 193 °C
Processing (Melt) Temp	380 to 420 °F	193 to 216 °C
Mold Temperature	90 to 160 °F	32 to 71 °C
Injection Rate	Slow-Moderate	Slow-Moderate
Back Pressure	0.00 to 100 psi	0.00 to 0.689 MPa

Notes

These are typical property values not to be construed as specification limits.