

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

Regulatory Status

For regulatory compliance information, see PP-60/L/SI/2 WT7757WHI [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	North America
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

Notes

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

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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