Technical Data Sheet

Fiberfil PP/TC/24/DS/HS

Polypropylene Homopolymer
LyondellBasell Industries
Engineering Plastics

Product Description
Talc Filled Polypropylene

General	
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.09	1.09 g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°c/2.16 Kg)	13 g/10 min	13 g/10 min	ASTM D1238
Mechanical	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Tensile Strength (73°f (23°c))	5220 psi	36.0 MPa	ASTM D638
Tensile Elongation (Break)	20 %	20 %	ASTM D638
Flexural Modulus (73°f (23°c))	385000 psi	2650 MPa	ASTM D790
Impact	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Notched Izod Impact			ASTM D256
73°f (23°c), 0.125 In (3.18 Mm)	0.84 ft·lb/in	45 J/m	
Unnotched Izod Impact	8.7 ft·lb/in	470 J/m	ASTM D4812

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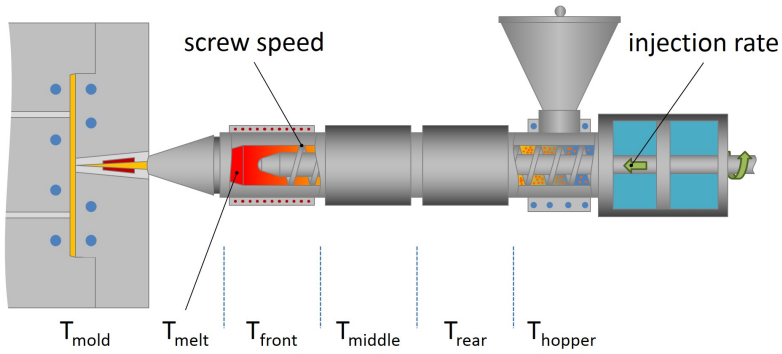

Injection	Nominal Value (English)	Nominal Value (SI)
Drying Temperature	180 °F	82 °C
Drying Time	2.0 hr	2.0 hr
Suggested Max Moisture	0.20 %	0.20 %
Rear Temperature	370 to 430 °F	188 to 221 °C
Middle Temperature	370 to 450 °F	188 to 232 °C
Front Temperature	370 to 450 °F	188 to 232 °C
Nozzle Temperature	370 to 450 °F	188 to 232 °C
Processing (Melt) Temp	370 to 450 °F	188 to 232 °C
Mold Temperature	70 to 120 °F	21 to 49 °C
Injection Rate	Slow-Moderate	Slow-Moderate
Back Pressure	0.00 to 100 psi	0.00 to 0.689 MPa
Injection Notes		
Screw speed: Medium		

Notes

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