Technical Data Sheet

SCHULAREC PPC MT 40 - C

Polypropylene Copolymer

Product Description
Recycled 40% talc filled Polypropylene produced from Post Consumer sources. PPC TF 40 is suitable for injection moulding applications.

General	
Filler / Reinforcement	• Talc, 40% Filler by Weight
Recycled Content	• Yes
Processing Method	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.25 g/cm³	1.25 g/cm³	ISO 1183/A
Melt Mass-Flow Rate (MFR)	12 g/10 min	12 g/10 min	ISO 1133
Mechanical	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Tensile Modulus	464000 psi	3200 MPa	ISO 527-2/1A/1
Impact	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Charpy Notched Impact Strength (73°F (23°C))	1.4 ft·lb/in²	3.0 kJ/m²	ISO 179/1eA
Thermal	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Vicat Softening Temperature	194 °F	90.0 °C	ISO 306/B50
Flammability	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Burning Rate			
0.0787 in (2.00 mm)	2.0 in/min	50 mm/min	ISO 3795
0.0787 in (2.00 mm)	2.0 in/min	50 mm/min	FMVSS 302

Additional Information
1.) Not for use in food contact applications 2.) Not for use in medical or pharmaceutical applications

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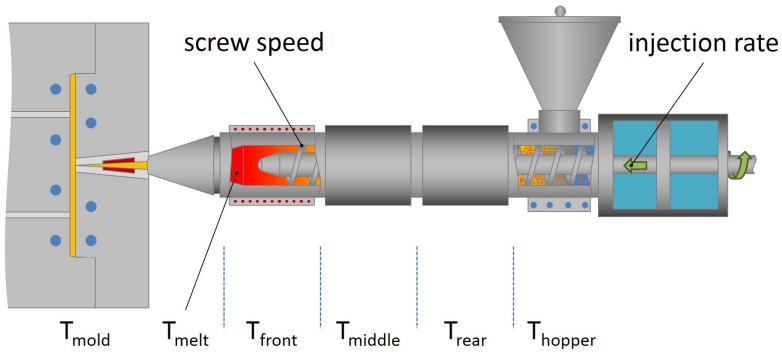

Injection	Nominal Value (English)	Nominal Value (SI)
Drying Temperature	176 °F	80 °C
Drying Time	2.0 to 3.0 hr	2.0 to 3.0 hr
Suggested Max Regrind	20 %	20 %
Processing (Melt) Temp	446 to 518 °F	230 to 270 °C
Mold Temperature	104 to 158 °F	40 to 70 °C

Injection Notes

*Drying normally not necessary.

Notes

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