Technical Data Sheet

SCHULAREC PC/ABS 53/01-C

Polycarbonate + ABS

Product Description
Recycled PC/ABS produced from Post Consumer sources. PC/ABS 53/01 is suitable for injection moulding applications requiring a higher impact.

General		
Features	• General Purpose	
Uses	• Audio Tapes	• General Purpose

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.17 g/cm³	1.17 g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	25 to 30 g/10 min	25 to 30 g/10 min	ISO 1133
Molding Shrinkage	0.58 %	0.58 %	
Mechanical	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Tensile Modulus	330000 psi	2280 MPa	ISO 527-2
Tensile Stress (Yield)	6670 psi	46.0 MPa	ISO 527-2
Impact	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Charpy Notched Impact Strength	14 to 17 ft·lb/in²	30 to 35 kJ/m²	ISO 179
Notched Izod Impact Strength	12 ft·lb/in²	25 kJ/m²	ISO 180
Thermal	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Vicat Softening Temperature	230 to 248 °F	110 to 120 °C	ISO 306/B50

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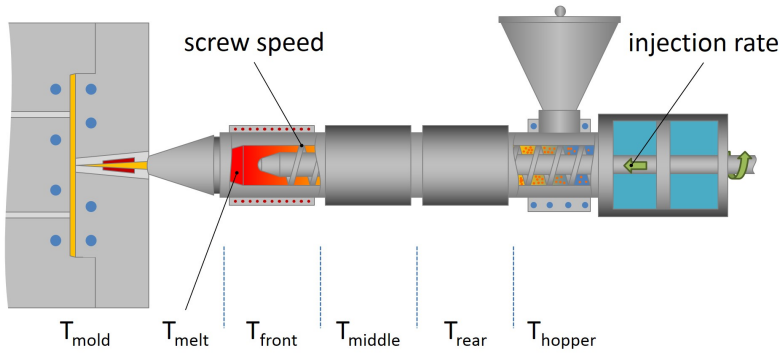

Injection	Nominal Value (English)	Nominal Value (SI)
Drying Temperature	212 to 230 °F	100 to 110 °C
Drying Time	4.0 hr	4.0 hr
Suggested Max Moisture	0.02 %	0.02 %
Suggested Max Regrind	20 %	20 %
Processing (Melt) Temp	500 to 536 °F	260 to 280 °C
Mold Temperature	158 to 212 °F	70 to 100 °C

Notes

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