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Product Data Sheet & General Processing Conditions

RTP 199 X 137038 A
Polypropylene (PP)
Glass Fiber
Chemically Coupled

PROPERTIES & AVERAGE VALUES OF INJECTION MOLDED SPECIMENS

PERMANENCE		STANDARD
Primary Additive	40 %	
Density	1.21 g/cm ³	ISO 1183
Melt Flow Rate		
@ 230 °C, / 2.16 kg	4.00 - 5.00 g/10 min	ISO 1133
Shrinkage, 4 mm Thickness		
Flow direction	0.10 - 0.30 %	ASTM D 955
MECHANICAL		
Impact Strength, Charpy		
Notched, 4 mm thickness	17 kJ/m ²	ISO 179/1eA
Unnotched, 4 mm thickness	65 kJ/m ²	ISO 179/1eU
Tensile Strength	115 MPa	ISO 527
Tensile Elongation	2.0 - 4.0 %	ISO 527
Tensile Modulus	9000 MPa	ISO 527
Flexural Strength	175 MPa	ISO 178
Flexural Modulus	8200 MPa	ISO 178

PROPERTY NOTES

Data herein is typical and not to be construed as specifications.

Unless otherwise specified, all data listed is for natural or black colored materials. Pigments can affect properties.

GENERAL PROCESSING FOR INJECTION MOLDING

Injection Pressure	70 - 105 MPa
Injection Pressure	680 - 1030 bar
Melt Temperature	190 - 230 °C
Mold Temperature	30 - 65 °C
Drying	2 hrs @ 80 °C