



**Product Data Sheet &
General Processing Conditions**

**RTP 202 A RC HS Black
Nylon 6 (PA)
Glass Fiber
Heat Stabilized**

PROPERTIES & AVERAGE VALUES OF INJECTION MOLDED SPECIMENS

PERMANENCE **STANDARD**

Primary Additive	15 %	
Density	1.22 g/cm ³	ISO 1183

MECHANICAL

Impact Strength, Izod		
Notched, 4 mm thickness	6 kJ/m ²	ISO 180/1A
Unnotched, 4 mm thickness	30 kJ/m ²	ISO 180/1U
Tensile Strength	130 MPa	ISO 527
Tensile Elongation	3.0 %	ISO 527
Tensile Modulus	5500 MPa	ISO 527
Flexural Strength	200 MPa	ISO 178
Flexural Modulus	5000 MPa	ISO 178

ELECTRICAL

Surface Resistivity	> 1E13 ohm	IEC 60093
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THERMAL

Heat Deflection Temperature @ 1.80 MPa	200 °C	ISO 75
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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	245 - 280 °C
Mold Temperature	55 - 95 °C
Drying	2 hrs @ 80 °C
Moisture Content	0.20 %
Dew Point	-25 °C

PROCESSING NOTES

Desiccant Type Dryer Required.