



**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**

<b>PERMANENCE</b>		<b>STANDARD</b>
Primary Additive	15 %	
Density	1.23 g/cm <sup>3</sup>	ISO 1183
<b>MECHANICAL</b>		
Tensile Strength	103 MPa	ISO 527
Tensile Elongation	3.0 - 4.0 %	ISO 527
Tensile Modulus	6500 MPa	ISO 527
Flexural Strength	165 MPa	ISO 178
Flexural Modulus	5100 MPa	ISO 178
<b>THERMAL</b>		
Heat Deflection Temperature @ 1.80 MPa	200 °C	ISO 75

**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.