



**Product Data Sheet &  
General Processing Conditions**

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

**PROPERTIES & AVERAGE VALUES OF INJECTION MOLDED SPECIMENS**

**PERMANENCE** **STANDARD**

Primary Additive	15 %	
Density	1.26 g/cm <sup>3</sup>	ISO 1183

**MECHANICAL**

Tensile Strength	130 MPa	ISO 527
Tensile Elongation	3.0 - 4.0 %	ISO 527
Tensile Modulus	6500 MPa	ISO 527
Flexural Strength	200 MPa	ISO 178
Flexural Modulus	5500 MPa	ISO 178

**THERMAL**

Heat Deflection Temperature @ 1.80 MPa	240 °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 - 125 MPa	
Injection Pressure	680 - 1240 bar	
Melt Temperature	275 - 300 °C	
Mold Temperature	65 - 105 °C	
Drying	4 hrs @ 80 °C	
Moisture Content	0.20 %	
Dew Point	-25 °C	

**PROCESSING NOTES**

Desiccant Type Dryer Required.