



**Product Data Sheet &
General Processing Conditions**

**RTP 206 A RC HS Black
Nylon 6 (PA)
Glass Fiber
Heat Stabilized**

PROPERTIES & AVERAGE VALUES OF INJECTION MOLDED SPECIMENS

PERMANENCE		STANDARD
Primary Additive	35 %	
Density	1.40 g/cm ³	ISO 1183
MECHANICAL		
Tensile Strength	190 MPa	ISO 527
Tensile Elongation	2.5 - 4.0 %	ISO 527
Tensile Modulus	12000 MPa	ISO 527
Flexural Strength	260 MPa	ISO 178
Flexural Modulus	9800 MPa	ISO 178
THERMAL		
Heat Deflection Temperature @ 1.80 MPa	210 °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.