



**Product Data Sheet &
General Processing Conditions**

**RTP 299 X 139073 A
Nylon 6/6 (PA)
Glass Fiber
Mineral
Heat Stabilized**

PROPERTIES & AVERAGE VALUES OF INJECTION MOLDED SPECIMENS

PERMANENCE		STANDARD
Density	1.48 g/cm ³	ISO 1183
MECHANICAL		
Impact Strength, Charpy		
Notched, 4 mm thickness	5 kJ/m ²	ISO 179/1eA
Unnotched, 4 mm thickness	40 kJ/m ²	ISO 179/1eU
Tensile Strength	135 MPa	ISO 527
Tensile Elongation	1.0 - 2.0 %	ISO 527
Tensile Modulus	10000 MPa	ISO 527
Flexural Strength	215 MPa	ISO 178
Flexural Modulus	9500 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 - 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.