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**Product Data Sheet &
General Processing Conditions**

**RTP 1099 X 149329 A
Polybutylene Terephthalate (PBT)
Glass Fiber
Low Density
Preliminary Datasheet**

PROPERTIES & AVERAGE VALUES OF INJECTION MOLDED SPECIMENS

PERMANENCE		STANDARD
Primary Additive	30 %	
Density	1.33 g/cm ³	ISO 1183
MECHANICAL		
Impact Strength, Izod		
Notched, 4 mm thickness	7 kJ/m ²	ISO 180/1A
Tensile Strength	115 MPa	ISO 527
Tensile Elongation	2.0 - 4.0 %	ISO 527
Tensile Modulus	9500 MPa	ISO 527
Flexural Strength	175 MPa	ISO 178
Flexural Modulus	9200 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 - 105 MPa
Injection Pressure	680 - 1030 bar
Melt Temperature	235 - 270 °C
Mold Temperature	80 - 105 °C
Drying	4 hrs @ 120 °C
Moisture Content	0.03 %
Dew Point	-30 °C

PROCESSING NOTES

Desiccant Type Dryer Required.