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**Product Data Sheet &
General Processing Conditions**

**RTP 1100 A SPR A
Polyethylene Terephthalate (PET)
Surface Protection
Preliminary Datasheet**

PROPERTIES & AVERAGE VALUES OF INJECTION MOLDED SPECIMENS

PERMANENCE	English	SI Metric	ASTM TEST
Specific Gravity	1.18	1.18	D 792

MECHANICAL

Impact Strength, Izod			
notched 1/8 in (3.2 mm) section	11.5 ft-lbs/in	614 J/m	D 256
unnotched 1/8 in (3.2 mm) section	No Break	No Break	D 4812
Tensile Strength	6200 psi	43 MPa	D 638
Tensile Modulus	0.20 x 10 ⁶ psi	1379 MPa	D 638
Flexural Strength	9100 psi	63 MPa	D 790
Flexural Modulus	0.25 x 10 ⁶ psi	1724 MPa	D 790

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

	English	SI Metric
Mold Temperature	275 - 300 °F	135 - 149 °C
Drying	4 hrs @ 250 °F	4 hrs @ 121 °C
Moisture Content	0.01 %	0.01 %
Dew Point	-40 °F	-40 °C

PROCESSING NOTES

Desiccant Type Dryer Required.