



**Product Data Sheet &
General Processing Conditions**

**RTP 199 X 143685 B
Polypropylene (PP)
Copolymer
Cellulose Fiber
30% Renewable Resource Content**

PROPERTIES & AVERAGE VALUES OF INJECTION MOLDED SPECIMENS

PERMANENCE	English	SI Metric	ASTM TEST
Specific Gravity	1.02	1.02	D 792
Molding Shrinkage 1/8 in (3.2 mm) section	0.0030 - 0.0060 in/in	0.30 - 0.60 %	D 955

MECHANICAL

Impact Strength, Izod notched 1/8 in (3.2 mm) section	1.5 ft-lbs/in	80 J/m	D 256
unnotched 1/8 in (3.2 mm) section	9.0 ft-lbs/in	481 J/m	D 4812
Tensile Strength	5500 psi	38 MPa	D 638
Tensile Elongation	7.0 - 8.0 %	7.0 - 8.0 %	D 638
Tensile Modulus	0.35 x 10 ⁶ psi	2413 MPa	D 638
Flexural Strength	8000 psi	55 MPa	D 790
Flexural Modulus	0.35 x 10 ⁶ psi	2413 MPa	D 790

THERMAL

Deflection Temperature @ 264 psi (1820 kPa)	160 °F	71 °C	D 648
@ 66 psi (455 kPa)	265 °F	129 °C	D 648

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
Injection Pressure	10000 - 15000 psi	69 - 103 MPa
Melt Temperature	375 - 450 °F	191 - 232 °C
Mold Temperature	90 - 150 °F	32 - 66 °C
Drying	2 hrs @ 175 °F	2 hrs @ 79 °C