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Ponciplastics.com



**Product Data Sheet &
General Processing Conditions**

RTP 150 A LF
Polypropylene (PP)
Flame Retardant
Non PBB/PBDE
Low Flow
UL94 V-0


PROPERTIES & AVERAGE VALUES OF INJECTION MOLDED SPECIMENS

PERMANENCE	English	SI Metric	ASTM TEST
Specific Gravity	1.24	1.24	D 792
Melt Flow Rate			
@ 230 °C, / 2.16 kg	< 1.00 g/10 min	< 1.00 g/10 min	D 1238
Molding Shrinkage			
1/8 in (3.2 mm) section	0.0140 - 0.0200 in/in	1.40 - 2.00 %	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	No Break	No Break	D 4812
Tensile Strength	3500 psi	24 MPa	D 638
Tensile Elongation	> 10.0 %	> 10.0 %	D 638
Tensile Modulus	0.18 x 10 ⁶ psi	1241 MPa	D 638
Flexural Strength	5500 psi	38 MPa	D 790
Flexural Modulus	0.20 x 10 ⁶ psi	1379 MPa	D 790

THERMAL

Deflection Temperature			
@ 264 psi (1820 kPa)	150 °F	66 °C	D 648
@ 66 psi (455 kPa)	235 °F	113 °C	D 648
Ignition Resistance*			
Flammability	V-0 @ 1/16 in	V-0 @ 1.5 mm	UL94

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.

* This rating is not intended to reflect hazards of this or any other material under actual fire conditions.

GENERAL PROCESSING FOR EXTRUSION PROCESSING

	English	SI Metric
Melt Temperature	375 - 450 °F	191 - 232 °C
Drying	2 hrs @ 175 °F	2 hrs @ 79 °C