



**Product Data Sheet &  
General Processing Conditions**

**RTP 199 X 134518  
Polypropylene (PP)  
Glass Fiber  
Flame Retardant**



This product has been formulated for applications that require compliance to the UL2043 standard for "Discrete Products and Their Accessories Installed in Air-Handling Spaces"

**PROPERTIES & AVERAGE VALUES OF INJECTION MOLDED SPECIMENS**

<b>PERMANENCE</b>	<b>English</b>	<b>SI Metric</b>	<b>ASTM TEST</b>
Specific Gravity	1.30	1.30	D 792

**MECHANICAL**

Impact Strength, Izod			
notched 1/8 in (3.2 mm) section	1.3 ft-lbs/in	69 J/m	D 256
unnotched 1/8 in (3.2 mm) section	8.0 ft-lbs/in	427 J/m	D 4812
Tensile Strength	7300 psi	50 MPa	D 638
Tensile Elongation	< 5.0 %	< 5.0 %	D 638
Tensile Modulus	0.86 x 10 <sup>6</sup> psi	5930 MPa	D 638
Flexural Strength	13500 psi	93 MPa	D 790
Flexural Modulus	0.94 x 10 <sup>6</sup> psi	6481 MPa	D 790

**THERMAL**

Ignition Resistance*			
Flammability	V-0 @ 1/16 in	V-0 @ 1.5 mm	UL94
Flammability	5VA @ 1/8 in	5VA @ 3.0 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 INJECTION MOLDING**

	<b>English</b>	<b>SI Metric</b>
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