

(+) 18816996168

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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

PERMANENCE	English	SI Metric	ASTM TEST
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 ⁶ psi	5930 MPa	D 638
Flexural Strength	13500 psi	93 MPa	D 790
Flexural Modulus	0.94 x 10 ⁶ 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

	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