

# RTP 2500

Polycarbonate + ABS

RTP Company

PROSPECTOR®

www.ulprospector.com

## Technical Data

### Product Description

Warning: The status of this material is 'Commercial: Limited Issue'

The data for this material has not been recently verified.  
Please contact RTP Company for current information prior to specifying this grade.

Unreinforced Base Resin (Precolor Only)

### General

Material Status	• Limited Issue		
Search for UL Yellow Card	• RTP Company • RTP		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
RoHS Compliance	• Contact Manufacturer		
Forms	• Pellets		
Processing Method	• Injection Molding		

Physical	Nominal Value Unit	Test Method
Density / Specific Gravity	1.15 g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	0.40 to 0.80 %	ASTM D955

Mechanical	Nominal Value Unit	Test Method
Tensile Modulus	2760 MPa	ASTM D638
Tensile Strength	61.4 MPa	ASTM D638
Tensile Elongation (Yield)	10 %	ASTM D638
Flexural Modulus	2760 MPa	ASTM D790
Flexural Strength	96.5 MPa	ASTM D790

Impact	Nominal Value Unit	Test Method
Notched Izod Impact (3.20 mm)	690 J/m	ASTM D256
Unnotched Izod Impact (3.20 mm)	No Break	ASTM D4812

Flammability	Nominal Value Unit	Test Method
Flame Rating (1.5 mm)	HB	UL 94

### Additional Information

Dew Point: -20°F  
Moisture Content: 0.02%  
Tensile Elongation, ASTM D638: >10%

Injection	Nominal Value Unit
Drying Temperature	93 °C
Drying Time	4.0 hr
Processing (Melt) Temp	243 to 274 °C
Mold Temperature	52 to 93 °C
Injection Pressure	68.9 to 103 MPa

### Injection Notes

Desiccant Type Dryer Required.

## Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.



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### Where to Buy

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#### Supplier

##### **RTP Company**

Winona, MN USA

**Telephone:** 800-433-4787

**Web:** <http://www.rtpcompany.com/>

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#### Distributor

Please contact the supplier to find a distributor for RTP 2500

