

# RTP 300 UV

Polycarbonate

RTP Company

## Technical Data

### Product Description

UV Stabilized

### General

Additive	• UV Stabilizer
Features	• UV Stabilized
RoHS Compliance	• Contact Manufacturer
Processing Method	• Injection Molding

Physical	Nominal Value Unit	Test Method
Specific Gravity	1.20 g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	0.60 to 0.90 %	ASTM D955
Moisture Content	0.020 %	

Mechanical	Nominal Value Unit	Test Method
Tensile Modulus	2210 MPa	ASTM D638
Tensile Strength	62.1 MPa	ASTM D638
Tensile Elongation (Yield)	> 10 %	ASTM D638
Flexural Modulus	2480 MPa	ASTM D790
Flexural Strength	91.4 MPa	ASTM D790

Impact	Nominal Value Unit	Test Method
Notched Izod Impact (3.20 mm)	780 J/m	ASTM D256
Unnotched Izod Impact (3.20 mm)	1700 J/m	ASTM D4812

Flammability	Nominal Value Unit	Test Method
Flame Rating 1.5 mm, ** Values per RTP Company testing.	HB	UL 94

Injection	Nominal Value Unit
Drying Temperature	121 °C
Drying Time	4.0 hr
Dew Point	-29 °C
Processing (Melt) Temp	288 to 316 °C
Mold Temperature	82 to 121 °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.