

RTP 600

Acrylonitrile Butadiene Styrene

RTP Company

Message:

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.

General Information			
RoHS Compliance		Contact manufacturer	
Processing Method		Injection molding	
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.06	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.50 - 0.70	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2760	MPa	ASTM D638
Tensile Strength	45.5	MPa	ASTM D638
Tensile Elongation (Yield)	9.0 - 10	%	ASTM D638
Flexural Modulus	2410	MPa	ASTM D790
Flexural Strength	74.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	270	J/m	ASTM D256
Unnotched Izod Impact (3.18 mm)	1800	J/m	ASTM D4812
Flammability	Nominal Value	Test Method	
Flame Rating (1.50 mm, Values per RTP Company testing.)	HB	UL 94	
Injection	Nominal Value	Unit	
Drying Temperature - Desiccant Dryer	82.2	°C	
Drying Time - Desiccant Dryer	2.0	hr	
Dew Point - Desiccant Dryer	-17.8	°C	
Suggested Max Moisture	0.10	%	
Processing (Melt) Temp	204 - 238	°C	
Mold Temperature	62.8 - 85.0	°C	
Injection Pressure	68.9 - 103	MPa	
Injection instructions			

Desiccant Type Dryer Required.

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Recommended distributors for this material

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