

RTP 2599 X 67122

Polycarbonate + ABS

RTP Company

Message:

Unreinforced - Flame Retardant - Halogen Free - UL94 V-0

General Information			
UL YellowCard	E84658-251343		
Features	Halogen-free		
	Flame retardancy		
RoHS Compliance	Contact manufacturer		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.19	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	0.40 - 0.60	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.15	%	ASTM D570
Moisture Content	0.020	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	122		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2550	MPa	ASTM D638
Tensile Strength	55.2	MPa	ASTM D638
Tensile Elongation (Yield)	> 80	%	ASTM D638
Flexural Modulus	2760	MPa	ASTM D790
Flexural Strength	86.2	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	640	J/m	ASTM D256
Unnotched Izod Impact (3.20 mm)	2100	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	93.3	°C	ASTM D648
1.8 MPa, not annealed	85.0	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	> 1.0E+15	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.50 mm)	V-0		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	93.3	°C	
Drying Time	4.0	hr	

Dew Point	-28.9	°C
Processing (Melt) Temp	243 - 274	°C
Mold Temperature	51.7 - 93.3	°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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