

RTP 299 D X 130507 A

Polyamide 612

RTP Company

Message:

Flame Retardant - Halogen Free

General Information			
Features	Halogen-free		
	Flame retardancy		
RoHS Compliance	Contact manufacturer		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	1.5 - 2.0	%	ASTM D955
Moisture Content	0.20	%	
Ignition Resistance - Aerospace Value (1.52 mm)	2.00		FAR 25.853
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2760	MPa	ASTM D638
Tensile Strength	55.2	MPa	ASTM D638
Tensile Elongation (Yield)	> 10	%	ASTM D638
Flexural Modulus	2760	MPa	ASTM D790
Flexural Strength	75.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	32	J/m	ASTM D256
Unnotched Izod Impact (3.20 mm)	1300	J/m	ASTM D4812
Flammability	Nominal Value		Test Method
Flame Rating (1.5 mm, ** Values per RTP Company testing.)	V-2		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	79	°C	
Drying Time	4.0	hr	
Dew Point	-18	°C	
Processing (Melt) Temp	249 - 285	°C	
Mold Temperature	60 - 93	°C	
Injection Pressure	68.9 - 124	MPa	
Injection instructions			

Desiccant Type Dryer Required.

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Recommended distributors for this material

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