

RTP 2300 A FR

Polyurethane

RTP Company

Message:

Flame Retardant

General Information			
Features	Flame retardancy		
RoHS Compliance	Contact manufacturer		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.37	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	0.50 - 0.70	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.15	%	ASTM D570
Moisture Content	0.010	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1930	MPa	ASTM D638
Tensile Strength	41.4	MPa	ASTM D638
Tensile Elongation (Yield)	> 10	%	ASTM D638
Flexural Modulus	2070	MPa	ASTM D790
Flexural Strength	68.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	210	J/m	ASTM D256
Unnotched Izod Impact (3.20 mm)	1600	J/m	ASTM D4812
Flammability	Nominal Value		Test Method
Flame Rating (1.50 mm, ** Values per RTP Company testing.)	V-0		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	107	°C	
Drying Time	4.0 - 6.0	hr	
Dew Point	-40.0	°C	
Processing (Melt) Temp	221 - 243	°C	
Mold Temperature	51.7 - 93.3	°C	
Injection Pressure	68.9 - 103	MPa	
Injection instructions			

Desiccant Type Dryer Required.

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

