

RTP 1200 T-70A UV

Thermoplastic Polyurethane Elastomer (Polyether)

RTP Company

Message:

UV Stabilized

General Information			
Additive	UV stabilizer		
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 (3.20 mm)	0.50 - 1.5	%	ASTM D955
Moisture Content	0.010	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	70		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield, 3.20 mm)	15.2	MPa	ASTM D412
Tensile Elongation ² (Break)	> 500	%	ASTM D412
Tear Strength ³	70.1	kN/m	ASTM D624
Injection	Nominal Value	Unit	
Drying Temperature	107	°C	
Drying Time	6.0	hr	
Dew Point	-17.8	°C	
Processing (Melt) Temp	185 - 218	°C	
Mold Temperature	37.8 - 60.0	°C	
Injection Pressure	68.9 - 103	MPa	
Injection instructions			
Desiccant Type Dryer Required.			
NOTE			
1.	C mold, 500 mm/min		
2.	Mouth die C, 500 mm/min		
3.	C mould		

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Recommended distributors for this material

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