

RTP 1200 S-40D UV

Thermoplastic Polyurethane Elastomer (Polyester)

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	1.20	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	1.0	%	ASTM D955
Moisture Content	0.020	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	40		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	68.9	MPa	ASTM D790
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	34.5	MPa	ASTM D412
Tensile Elongation (Yield)	800	%	ASTM D412
Tear Strength ¹	123	kN/m	ASTM D624
Injection	Nominal Value	Unit	
Drying Temperature	82.2	°C	
Drying Time	6.0	hr	
Dew Point	-34.4	°C	
Processing (Melt) Temp	193 - 218	°C	
Mold Temperature	15.6 - 32.2	°C	
Injection Pressure	27.6 - 55.2	MPa	
Injection instructions			
Desiccant Type Dryer Required.			
NOTE			
1.	C mould		

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Recommended distributors for this material

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