

RTP 1500-55D

Thermoplastic Elastomer, Ether-Ester
RTP Company

Message:

RTP 1500-55D is a thermoplastic elastomer, ether-ester (TEE) material. This product is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. The processing method is injection molding.

General Information			
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)	1.1 - 2.2	%	ASTM D955
Moisture Content		%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	55		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	207	MPa	ASTM D638
Tensile Strength	17.9	MPa	ASTM D638
Tensile Elongation (Yield)	880	%	ASTM D638
Flexural Modulus	207	MPa	ASTM D790
Flexural Strength	8.41	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	370	J/m	ASTM D256
Unnotched Izod Impact (3.20 mm)	380	J/m	ASTM D4812
Injection	Nominal Value	Unit	
Drying Temperature	104	°C	
Drying Time	2.0 - 4.0	hr	
Processing (Melt) Temp	210 - 238	°C	
Mold Temperature	21.1 - 46.1	°C	
Injection Pressure	68.9 - 138	MPa	
Injection instructions			
Desiccant Type Dryer Required.			

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Recommended distributors for this material

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