

RTP 6035-35A

Thermoplastic Elastomer

RTP Company

Message:

Clear

General Information			
RoHS Compliance		Contact Manufacturer	
Appearance		Clear/Transparent	
Processing Method		Injection Molding	
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	1.5 to 4.5	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	35		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ¹ (100% Strain, 3.18 mm)	0.689	MPa	ASTM D412
Tensile Strength ² (Yield, 3.20 mm)	6.21	MPa	ASTM D412
Tensile Elongation ³ (Break)	650	%	ASTM D412
Tear Strength ⁴	21.0	kN/m	ASTM D624
Compression Set ⁵ (23°C, 22 hr)	28	%	ASTM D395B
Injection	Nominal Value	Unit	
Drying Temperature	51.7	°C	
Drying Time	2.0 to 4.0	hr	
Dew Point	< -17.8	°C	
Processing (Melt) Temp	182 to 232	°C	
Mold Temperature	15.6 to 65.6	°C	
NOTE			
1.	Die C, 510 mm/min		
2.	Die C, 500 mm/min		
3.	Die C, 500 mm/min		
4.	Die C		
5.	Type 2		

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Recommended distributors for this material

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