

RTP 6035-64A

Thermoplastic Elastomer

RTP Company

Message:

Water Clear - Polystyrene Bondable

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)	1.4 to 2.0	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	64		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
50% Strain	2.00	MPa	
100% Strain	2.34	MPa	
300% Strain	3.65	MPa	
Tensile Strength (Yield)	12.4	MPa	ASTM D412
Tensile Elongation (Yield)	1400	%	ASTM D412
Tear Strength ¹	52.5	kN/m	ASTM D624
Compression Set ² (23°C, 22 hr)	23	%	ASTM D395B
Injection	Nominal Value	Unit	
Drying Temperature	76.7	°C	
Drying Time	2.0	hr	
Processing (Melt) Temp	177 to 216	°C	
Mold Temperature	10.0 to 32.2	°C	
Injection Pressure	27.6 to 55.2	MPa	
NOTE			
1.	Die C		
2.	Type 2		

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Recommended distributors for this material

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