

RTP 6002-65A

Thermoplastic Elastomer

RTP Company

Message:

Warning: The status of this material is 'Commercial: Limited Issue'
The data for this material has not been recently verified.
Please contact RTP Company for current information prior to specifying this grade.
Bondable to PC/ABS, PC, ABS - 65 Shore A

General Information			
RoHS Compliance	Contact manufacturer		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.00	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	2.3 - 2.5	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	67		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break, 3.20 mm)	8.96	MPa	ASTM D412
Tensile Elongation ² (Break)	700	%	ASTM D412
Tear Strength ³	35.0	kN/m	ASTM D624
Additional Information			
Bondable to PC, ABSMoisture Content: <0.02%Peel Strength, ISO 813, 90°, 20 in/min, ABS, Interface Failure: 18.8 pliPeel Strength, ISO 813, 90°, 20 in/min, PC, Overmold Failure: 28.8 pli			
Injection	Nominal Value	Unit	
Drying Temperature	76.7	°C	
Drying Time	2.0 - 4.0	hr	
Processing (Melt) Temp	193 - 227	°C	
Mold Temperature	21.1 - 48.9	°C	
Injection Pressure	34.5 - 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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