

RTP 6011-65A

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.
Wet-Grip Compound - 65 Shore A

General Information			
RoHS Compliance	Contact manufacturer		
Forms	Particle		
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	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	66		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	9.31	MPa	ASTM D412
Tensile Elongation ² (Break)	950	%	ASTM D412
Tear Strength ³	35.0	kN/m	ASTM D624
Compression Set ⁴			ASTM D395B
23°C, 22 hr	15	%	ASTM D395B
70°C, 22 hr	44	%	ASTM D395B
Additional Information			
Peel Strength, ISO 813, 90°, 20 in/min, PP, Interface Failure: > 15 pliWet-Grip Compound			
Injection	Nominal Value	Unit	
Drying Temperature	76.7	°C	
Drying Time	2.0	hr	
Processing (Melt) Temp	177 - 191	°C	
Mold Temperature	21.1 - 37.8	°C	
Injection Pressure	3.45 - 5.17	MPa	
NOTE			
1.	500 mm/min		
2.	500 mm/min		
3.	C mould		
4.	Type 2		

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