

RTP 6003-55A UV

Thermoplastic Elastomer

RTP Company

Message:

Over Molding Grade - UV Stabilized

General Information			
Additive	UV stabilizer		
Uses	overmolding		
RoHS Compliance	Contact manufacturer		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.980	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)	56		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
50% strain	1.59	MPa	ASTM D412
100% strain	1.90	MPa	ASTM D412
300% strain	2.76	MPa	ASTM D412
Tensile Strength (Yield)	4.83	MPa	ASTM D412
Tensile Elongation (Yield)	900	%	ASTM D412
Tear Strength ¹	25.4	kN/m	ASTM D624
Compression Set ²			ASTM D395B
23°C, 22 hr	19	%	ASTM D395B
158°C, 22 hr	65	%	ASTM D395B
Injection	Nominal Value	Unit	
Drying Temperature	82.2	°C	
Drying Time	4.0	hr	
Processing (Melt) Temp	177 - 216	°C	
Mold Temperature	15.6 - 48.9	°C	
Injection Pressure	27.6 - 68.9	MPa	
Injection instructions			
Desiccant Type Dryer Required.			
NOTE			
1.	C mould		
2.	Type 2		

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Recommended distributors for this material

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