

RTP 6091-70A BLACK

Thermoplastic Vulcanizate

RTP Company

Message:

PA-6 bondable - manufactured with Santoprene™ TPV technology

General Information			
UL YellowCard	E84658-101225410	E84658-101225417	
RoHS Compliance	Contact manufacturer		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.940	g/cm³	ASTM D792
Moisture Content		%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	72		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ¹ (100% Strain)	2.76	MPa	ASTM D412
Tensile Strength ² (Break)	4.72	MPa	ASTM D412
Tensile Elongation ³ (Break)	340	%	ASTM D412
Tear Strength ⁴	19.3	kN/m	ASTM D624
Compression Set ⁵			ASTM D395B
70°C, 22 hr	44	%	ASTM D395B
125°C, 22 hr	63	%	ASTM D395B
Flammability	Nominal Value	Unit	Test Method
Burning Rate (2.00 mm)	< 100	mm/min	FMVSS 302
Flame Rating (1.10 mm)	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	82.2	°C	
Drying Time	4.0	hr	
Processing (Melt) Temp	263 - 282	°C	
Mold Temperature	35.0 - 71.1	°C	
Injection instructions			
Desiccant Type Dryer Required.			
NOTE			
1.	510 mm/min		
2.	500 mm/min		
3.	500 mm/min		
4.	C mould		
5.	Type 2		

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Recommended distributors for this material

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