

RTP 6091-55A NATURAL

Thermoplastic Vulcanizate

RTP Company

Message:

PA-6 bondable - manufactured with Santoprene™ TPV technology

General Information			
UL YellowCard	E84658-101225409	E84658-101225411	
RoHS Compliance	Contact manufacturer		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.930	g/cm ³	ASTM D792
Moisture Content		%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	55		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ¹ (100% Strain, 3.18 mm)	1.76	MPa	ASTM D412
Tensile Strength ² (Break, 3.20 mm)	2.93	MPa	ASTM D412
Tensile Elongation ³ (Break)	300	%	ASTM D412
Tear Strength ⁴	11.4	kN/m	ASTM D624
Compression Set ⁵			ASTM D395B
70°C, 22 hr	37	%	ASTM D395B
125°C, 22 hr	56	%	ASTM D395B
Flammability	Nominal Value		Test Method
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. Mouth die C, 510mm/min
2. C mold, 500 mm/min
3. Mouth die C, 500 mm/min
4. C mould
5. Type 2

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Recommended distributors for this material

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