

RTP 6091-55A BLACK

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	0.940	g/cm ³	ASTM D792
Moisture Content		%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	57		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ¹ (100% Strain)	1.72	MPa	ASTM D412
Tensile Strength ² (Break)	3.03	MPa	ASTM D412
Tensile Elongation ³ (Break)	300	%	ASTM D412
Tear Strength ⁴	13.1	kN/m	ASTM D624
Compression Set ⁵			ASTM D395B
70°C, 22 hr	35	%	ASTM D395B
100°C, 22 hr	39	%	ASTM D395B
100°C, 70 hr	46	%	ASTM D395B
125°C, 22 hr	56	%	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		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

