

RTP 6091-85A PA12 BLACK

Polyamide 12

RTP Company

Message:

PA-12 bondable - manufactured with Santoprene™ TPV technology

General Information			
Features	Adhesiveness		
RoHS Compliance	Contact manufacturer		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.970	g/cm ³	ASTM D792
Moisture Content		%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	85		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ¹ (100% Strain)	4.83	MPa	ASTM D412
Tensile Strength ² (Break)	8.14	MPa	ASTM D412
Tensile Elongation ³ (Break)	400	%	ASTM D412
Tear Strength ⁴	29.8	kN/m	ASTM D624
Compression Set ⁵			ASTM D395B
70°C, 22 hr	37	%	ASTM D395B
125°C, 22 hr	58	%	ASTM D395B
Flammability	Nominal Value	Unit	Test Method
Burning Rate (2.00 mm)	< 100	mm/min	FMVSS 302
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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