

RTP 2899 X 109566

Thermoplastic Polyolefin Elastomer

RTP Company

Message:

Flame Retardant - Halogen Free

General Information			
UL YellowCard	E84658-538635		
Features	Flame Retardant		
	Halogen Free		
RoHS Compliance	Contact Manufacturer		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	1.2 to 1.6	%	ASTM D955
Moisture Content	0.030	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	65		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	1.59	MPa	ASTM D412
Tensile Elongation ² (Break)	> 200	%	ASTM D412
Tear Strength ³	8.76	kN/m	ASTM D624
Compression Set ⁴			ASTM D395B
23°C, 22 hr	32	%	
70°C, 22 hr	53	%	
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (3.20 mm)	No Break		ASTM D4812
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.50 mm)	V-0		UL 94
Oxygen Index	29	%	ASTM D2863
Injection	Nominal Value	Unit	
Drying Temperature	79.4	°C	
Drying Time	2.0	hr	
Dew Point	-17.8	°C	
Processing (Melt) Temp	182 to 210	°C	
Mold Temperature	15.6 to 65.6	°C	
Injection Pressure	82.7 to 124	MPa	
NOTE			
1.	500 mm/min		

2.	500 mm/min
3.	Die C
4.	Type 2

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

