

Gallonprene® GP550-7004

Thermoplastic Elastomer

Shenzhen Sungallon Rubber & Plastic Corporation Limited

Message:

Gallonprene® GP550-7004 is a Thermoplastic Elastomer (TPE) product. It can be processed by extrusion or profile extrusion and is available in Africa & Middle East, Asia Pacific, or Latin America. Typical application: Sealing Applications.

Characteristics include:

REACH Compliant

RoHS Compliant

Good Aesthetics

Halogen Free

Weldable

General Information	
Features	Good Surface Finish
	Halogen Free
	Microbe Resistant
	Weldable
Uses	Profiles
	Seals
Agency Ratings	EC 1907/2006 (REACH)
RoHS Compliance	RoHS Compliant
Appearance	White
Processing Method	Extrusion
	Profile Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.21	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/10.0 kg)	8.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 23°C)	70		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	6.50	MPa	ASTM D412
Tensile Elongation ² (Break)	550	%	ASTM D412
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	120 to 140	°C	
Cylinder Zone 2 Temp.	130 to 150	°C	
Cylinder Zone 3 Temp.	140 to 160	°C	
NOTE			
1.	500 mm/min		

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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

