

Gallonprene® GP540-6005

Thermoplastic Elastomer

Shenzhen Sungallon Rubber & Plastic Corporation Limited

Message:

Gallonprene® GP540-6005 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. Applications of Gallonprene® GP540-6005 include hose/tubing and wire & cable.

Characteristics include:

REACH Compliant

RoHS Compliant

Good Aesthetics

Halogen Free

General Information			
Features	Good Surface Finish		
	Halogen Free		
	High Elasticity		
Uses	Profiles		
	Tubing		
	Wire & Cable Applications		
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	0.968	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/10.0 kg)	2.5	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 23°C)	60		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	10.0	MPa	ASTM D412
Tensile Elongation ² (Break)	650	%	ASTM D412
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	160 to 180	°C	
Cylinder Zone 2 Temp.	170 to 190	°C	
Cylinder Zone 3 Temp.	180 to 200	°C	
NOTE			
1.	500 mm/min		

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