

# Gallonprene® GP540-8004(n)F

Thermoplastic Elastomer

Shenzhen Sungallon Rubber & Plastic Corporation Limited

## Message:

Gallonprene® GP540-8004(n)F 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® GP540-8004(n)F include hose/tubing and wire & cable.

Characteristics include:

REACH Compliant

RoHS Compliant

Flame Retardant

Good Aesthetics

Halogen Free

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Good Surface Finish		
	Halogen Free		
	High Elasticity		
Uses	Profiles		
	Tubing		
	Wire & Cable Applications		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Appearance	Black		
Processing Method	Extrusion		
	Profile Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/10.0 kg)	6.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 23°C)	80		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Break)	6.50	MPa	ASTM D412
Tensile Elongation <sup>2</sup> (Break)	300	%	ASTM D412
Extrusion	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0	hr	
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	
2.	500 mm/min	

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#### Recommended distributors for this material

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