

Gallonprene® GP540-8502(n)F

Thermoplastic Elastomer

Shenzhen Sungallon Rubber & Plastic Corporation Limited

Message:

Gallonprene® GP540-8502(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® GP540-8502(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	White
Processing Method	Extrusion
	Profile Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.02	g/cm ³	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)	85		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	8.50	MPa	ASTM D412
Tensile Elongation ² (Break)	600	%	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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