Gallonprene® GP310-7502

Thermoplastic Elastomer

Shenzhen Sungallon Rubber & Plastic Corporation Limited

Message:

Gallonprene®GP310-7502 is a thermoplastic elastomer (TPE) product. It is available in Africa and the Middle East, Latin America or Asia Pacific. Gallonprene®GP310-7502 application areas include electrical/electronic applications, electrical appliances, engineering/industrial accessories and industrial applications.
Features include:
Comply with REACH standard
ROHS certification
Halogen-free

General Information	
Features	High elasticity
	Halogen-free
Uses	overmolding
	Electrical appliances
	Industrial application
	Mobile phone
Agency Ratings	EC 1907/2006 (REACH)
RoHS Compliance	RoHS compliance
Appearance	White
	Rough surface polishing

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.09	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	7.6	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 23°C)	75		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength [1] (Break)	5.50	MPa	ASTM D412
Tensile Elongation [2] (Break)	500	%	ASTM D412

Injection instructions

Overmolding Parameters:Rear Temperature: 170 to 190°CCenter Temperature: 180 to 200°CFront Temperature: 190 to 210°CMelt Temperature: 160 to 180°CMold Temperature: 30 to 60°CProcessing Temperature Limit: 230°CInjection Pressure: HighInjection Speed: HighBack Pressure: 20 to 50%Drying Temperature: 80°CDrying Time: 4 hr

NOTE	
1.	500 mm/min
2.	500 mm/min

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