

Gallonprene® GP310-7003

Thermoplastic Elastomer

Shenzhen Sungallon Rubber & Plastic Corporation Limited

Message:

Gallonprene® GP310-7003 is a thermoplastic elastomer (TPE) product. It is available in Africa and the Middle East, Latin America or Asia Pacific. Gallonprene® GP310-7003 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	1.07	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	2.8	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

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

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

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any

infringement occurs, please contact us immediately.

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

