

# Gallonprene® GP520-6512

Thermoplastic Elastomer

Shenzhen Sungallon Rubber & Plastic Corporation Limited

Message:

Gallonprene® GP520-6512 is a thermoplastic elastomer (TPE) product. It is available in Africa and the Middle East, Latin America or Asia Pacific. Typical application areas are: engineering/industrial accessories.  
Features include:  
Comply with REACH standard  
ROHS certification  
Halogen-free

General Information	
Features	Halogen-free
Uses	O-rings overmolding
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/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	15	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 23°C)	65		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Break)	7.00	MPa	ASTM D412
Tensile Elongation <sup>2</sup> (Break)	550	%	ASTM D412

Injection instructions	
Overmolding Parameters:Rear Temperature: 170 to 190°C Center Temperature: 180 to 200°C Front Temperature: 190 to 210°C Melt Temperature: 160 to 180°C Mold Temperature: 30 to 60°C Processing Temperature Limit: 260°C Injection Pressure: High Injection Speed: High Back Pressure: 20 to 50%	
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

