

# Gallonprene® GP200-C109

Thermoplastic Elastomer

Shenzhen Sungallon Rubber & Plastic Corporation Limited

## Message:

Gallonprene® GP200-C109 is a thermoplastic elastomer (TPE) product. It can be processed by injection molding and is available in Africa and the Middle East, Latin America or Asia Pacific. Typical application areas are: consumer goods.

Features include:

Comply with REACH standard

ROHS certification

high gloss

Halogen-free

General Information			
Features	Highlight		
	Halogen-free		
Uses	Synthetic Leather		
	Toys		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS compliance		
Appearance	Clear/transparent		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.828	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (150°C/0.325 kg)	50	g/10 min	ASTM D1238
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Break)	> 1.20	MPa	ASTM D412
Tensile Elongation <sup>2</sup> (Break)	> 1500	%	ASTM D412
Injection	Nominal Value	Unit	
Rear Temperature	120 - 140	°C	
Middle Temperature	130 - 150	°C	
Front Temperature	140 - 160	°C	
Processing (Melt) Temp	90.0 - 110	°C	
Mold Temperature	30.0 - 60.0	°C	
Injection Rate	Slow		
Injection instructions			
Processing Temperature Limit: 260°CInjection Pressure: LowBack Pressure: 10 to 30%			
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

