

Gallonprene® GP200-40Q

Thermoplastic Elastomer

Shenzhen Sungallon Rubber & Plastic Corporation Limited

Message:

Gallonprene® GP200-40Q 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	0.858	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (180°C/1.0 kg)	70	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shaw OO, 23°C)	40		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	> 2.00	MPa	ASTM D412
Tensile Elongation ² (Break)	> 1500	%	ASTM D412
Injection	Nominal Value	Unit	
Rear Temperature	150 - 170	°C	
Middle Temperature	160 - 180	°C	
Front Temperature	170 - 190	°C	
Processing (Melt) Temp	120 - 140	°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		

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