Gallonprene® GP200-12

Thermoplastic Elastomer

Shenzhen Sungallon Rubber & Plastic Corporation Limited

Message:

Gallonprene®GP200-12 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	0.958	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/1.0 kg)	22	g/10 min	ASTM D1238

Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 23°C)	12		ASTM D2240

Elastomers	Nominal Value	Unit	Test Method
Tensile Strength [1] (Break)	> 3.50	MPa	ASTM D412
Tensile Elongation [2] (Break)	> 1200	%	ASTM D412

Injection	Nominal Value	Unit
Rear Temperature	180 - 200	°C
Middle Temperature	190 - 210	°C
Front Temperature	200 - 220	°C
Processing (Melt) Temp	160 - 180	°C
Mold Temperature	30.0 - 60.0	°C
Injection Rate	Moderate	

Injection instructions
Processing Temperature Limit: 260°CInjection Pressure: ModerateBack Pressure: 10 to 30%

NOTE	
1.	500 mm/min

2.		500 mm/min

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