Gallonprene® GP210-7511

Thermoplastic Elastomer

Shenzhen Sungallon Rubber & Plastic Corporation Limited

Message:

Gallonprene®GP210-7511 is a thermoplastic elastomer (TPE) product. It can be processed by extrusion, profile extrusion or injection molding, and is available in Africa and the Middle East, Latin America or the Asia-Pacific region. Gallonprene®GP210-7511 application areas include engineering/industrial fittings and hoses.

Halogen-free

O-rings

230 - 250

190 - 210

Features include: Comply with REACH standard ROHS certification Halogen-free

General Information

Front Temperature

Processing (Melt) Temp

Features

Uses

ROHS Compliance Appearance Translucent Rough surface polishing Extrusion Profile extrusion molding Injection molding Injection molding Physical Nominal Value Unit Test Method Specific Gravity 0.888 g/cm³ ASTM D792 Melt Mass-Flow Rate (MFR) (200°C/10.0 kg) I1 g/10 min ASTM D1238 Hardness Nominal Value Unit Test Method Durometer Hardness (Shore A, 23°C) 75 ASTM D2240 Elastomers Nominal Value Unit Test Method Durometer Hardness (Shore A, 23°C) 75 ASTM D2240 Elastomers Nominal Value Unit Test Method Tensile Strength ¹ (Break) 12.0 MPa ASTM D412 Tensile Elongation ² (Break) 700 % ASTM D412 Injection Nominal Value Unit Test Method ASTM D412 Injection Nominal Value Unit	0363	o migs		
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InjectionNominal ValueUnitRear Temperature210 - 230°C	Tensile Strength ¹ (Break)	12.0	MPa	ASTM D412
Rear Temperature 210 - 230 °C	Tensile Elongation ² (Break)	700	%	ASTM D412
·	Injection	Nominal Value	Unit	
Middle Temperature 220 - 240 °C	Rear Temperature	210 - 230	°C	
	Middle Temperature	220 - 240	°C	

°C

°C

Mold Temperature	30.0 - 60.0	°C
Injection Rate	Fast	

Injection instructions

Processing Temperature Limit: 280°CInjection Pressure: HighBack Pressure: 20 to 50%Overmolding Parameters:Rear Temperature: 230 to 250°CCenter Temperature: 240 to 260°CFront Temperature: 250 to 270°CMelt Temperature: 190 to 210°CMold Temperature: 30 to 60°CProcessing Temperature Limit: 280°CInjection Pressure: HighInjection Speed: HighBack Pressure: 20 to 50%

Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	160 - 180	°C
Cylinder Zone 2 Temp.	170 - 190	°C
Cylinder Zone 3 Temp.	180 - 200	°C
NOTE		
1.	500 mm/min	
2.	500 mm/min	

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