

Gallonprene® GP310-7002

Thermoplastic Elastomer

Shenzhen Sungallon Rubber & Plastic Corporation Limited

Message:

Gallonprene® GP310-7002 is a thermoplastic elastomer (TPE) product. It is available in Africa and the Middle East, Latin America or Asia Pacific. Gallonprene® GP310-7002 application areas include electrical/electronic applications, electrical appliances, engineering/industrial accessories and industrial applications.

Features include:

Comply with REACH standard

ROHS certification

Halogen-free

| General Information | |
|---------------------|--|
| Features | High elasticity Halogen-free |
| Uses | overmolding Electrical appliances Industrial application Mobile phone |
| Agency Ratings | EC 1907/2006 (REACH) |
| RoHS Compliance | RoHS compliance |
| Appearance | White Rough surface polishing |

| Physical | Nominal Value | Unit | Test Method |
|--|---------------|-------------------|-------------|
| Specific Gravity | 1.09 | g/cm ³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (200°C/5.0 kg) | 8.6 | g/10 min | ASTM D1238 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A, 23°C) | 70 | | ASTM D2240 |
| Elastomers | Nominal Value | Unit | Test Method |
| Tensile Strength ¹ (Break) | 5.00 | MPa | ASTM D412 |
| Tensile Elongation ² (Break) | 500 | % | ASTM D412 |

| Injection instructions |
|---|
| Overmolding Parameters:Rear Temperature: 170 to 190°CCenter Temperature: 180 to 200°CFront Temperature: 190 to 210°C Melt Temperature: 160 to 180°C Mold Temperature: 30 to 60°CProcessing Temperature Limit: 230°CInjection Pressure: HighInjection Speed: HighBack Pressure: 20 to 50% Drying Temperature: 80°C Drying Time: 4 hr |

| NOTE | |
|------|------------|
| 1. | 500 mm/min |
| 2. | 500 mm/min |

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