

Gallonprene® GP540-7004

Thermoplastic Elastomer

Shenzhen Sungallon Rubber & Plastic Corporation Limited

Message:

Gallonprene® GP540-7004 is a Thermoplastic Elastomer (TPE) product. It can be processed by extrusion or profile extrusion and is available in Africa & Middle East, Asia Pacific, or Latin America. Applications of Gallonprene® GP540-7004 include hose/tubing and wire & cable.

Characteristics include:

REACH Compliant

RoHS Compliant

Good Aesthetics

Halogen Free

| General Information | | | |
|---|---------------------------|-------------------|-------------|
| Features | Good Surface Finish | | |
| | Halogen Free | | |
| | High Elasticity | | |
| Uses | Profiles | | |
| | Tubing | | |
| | Wire & Cable Applications | | |
| Agency Ratings | EC 1907/2006 (REACH) | | |
| RoHS Compliance | RoHS Compliant | | |
| Appearance | White | | |
| Processing Method | Extrusion | | |
| | Profile Extrusion | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 0.988 | g/cm ³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (200°C/10.0 kg) | 4.0 | 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) | 9.00 | MPa | ASTM D412 |
| Tensile Elongation ² (Break) | 600 | % | ASTM D412 |
| Extrusion | Nominal Value | Unit | |
| Cylinder Zone 1 Temp. | 160 to 180 | °C | |
| Cylinder Zone 2 Temp. | 170 to 190 | °C | |
| Cylinder Zone 3 Temp. | 180 to 200 | °C | |
| NOTE | | | |
| 1. | 500 mm/min | | |

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