

Tecnoprene® 3K4ELU1 NERO900

Polypropylene Copolymer

SO.F.TER. SPA

Message:

Elastomer modified polypropylene copolymer reinforced with 20% chemically coupled glass fiber, high UV resistance

| General Information | | | |
|---|----------------------------------|-------------------|-------------------------|
| Filler / Reinforcement | Glass Fiber,20% Filler by Weight | | |
| Features | Chemically Coupled | | |
| | Copolymer | | |
| Agency Ratings | EC 1907/2006 (REACH) | | |
| Appearance | Black | | |
| Processing Method | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.04 | g/cm ³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 2.0 | g/10 min | ASTM D1238 |
| Molding Shrinkage | 0.35 | % | Internal Method |
| Water Absorption (Saturation, 23°C) | 0.020 | % | ASTM D570 |
| Mechanical | Nominal Value | Unit | Test Method |
| Flexural Modulus | 2900 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (23°C) | 22 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed) | 119 | °C | ASTM D648 |
| Vicat Softening Temperature | 74.0 | °C | ASTM D1525 ¹ |
| Flammability | Nominal Value | | Test Method |
| Flame Rating (3.20 mm) | HB | | UL 94 |
| NOTE | | | |

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