

ALTECH® PC ECO 2015/509 GF15

Polycarbonate

ALBIS PLASTIC GmbH

Message:

ALTECH®PC ECO 2015/509 GF15 is a polycarbonate (PC) product, which contains 15% glass fiber reinforced materials. It can be processed by injection molding and is available in North America, Europe or the Asia-Pacific region. ALTECH®The application fields of PC ECO 2015/509 GF15 include building applications, electrical/electronic applications and electrical appliances.

Features include:

flame retardant/rated flame

Comply with REACH standard

ROHS certification

excellent release agent

| General Information | | | |
|--|---|-----------|-------------|
| Filler / Reinforcement | Glass fiber reinforced material, 15% filler by weight | | |
| Features | Good demoulding performance | | |
| Uses | Electrical/Electronic Applications | | |
| | Electrical appliances | | |
| | Building materials | | |
| | Architectural application field | | |
| Agency Ratings | EC 1907/2006 (REACH) | | |
| RoHS Compliance | RoHS compliance | | |
| Processing Method | Injection molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 1.30 | g/cm³ | ISO 1183 |
| Melt Volume-Flow Rate (MVR) (300°C/1.2 kg) | 4.50 | cm³/10min | ISO 1133 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus | 5400 | MPa | ISO 527-2 |
| Tensile Stress (Break) | 90.0 | MPa | ISO 527-2 |
| Tensile Strain (Break) | 3.5 | % | ISO 527-2 |
| Impact | Nominal Value | Unit | Test Method |
| Charpy Notched Impact Strength | 9.0 | kJ/m² | ISO 179/1eA |
| Charpy Unnotched Impact Strength | 40 | kJ/m² | ISO 179/1eU |
| Thermal | Nominal Value | Unit | Test Method |
| Vicat Softening Temperature | 141 | °C | ISO 306/B50 |
| Flammability | Nominal Value | | Test Method |
| Flame Rating (3.0 mm) | V-1 | | UL 94 |
| Injection | Nominal Value | Unit | |
| Drying Temperature - Circulation Dryer | 100 - 120 | °C | |
| Drying Time - Circulation Dryer | 4.0 - 12 | hr | |
| Processing (Melt) Temp | 280 - 300 | °C | |

Mold Temperature

80 - 100

°C

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Recommended distributors for this material

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