

ALTECH® PP-H A 4920/106 MR20

Polypropylene Homopolymer

ALBIS PLASTIC GmbH

Message:

ALTECH® PP-H A 4920/106 MR20 is a Polypropylene Homopolymer (PP Homopolymer) product filled with 20% talc. It is available in Asia Pacific, Europe, or North America. Typical application: Electrical/Electronic Applications.

Characteristics include:

REACH Compliant

RoHS Compliant

Heat Stabilizer

Homopolymer

| General Information | | | |
|---------------------------------------------------|------------------------------------|------------------------|-------------|
| Filler / Reinforcement | Talc,20% Filler by Weight | | |
| Additive | Heat Stabilizer | | |
| Features | Heat Stabilized | | |
| | Homopolymer | | |
| Uses | Electrical/Electronic Applications | | |
| Agency Ratings | EC 1907/2006 (REACH) | | |
| RoHS Compliance | RoHS Compliant | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 1.04 | g/cm ³ | ISO 1183 |
| Melt Volume-Flow Rate (MVR) (230°C/2.16 kg) | 4.00 | cm ³ /10min | ISO 1133 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus | 2400 | MPa | ISO 527-2 |
| Tensile Stress (Break) | 25.0 | MPa | ISO 527-2 |
| Tensile Strain (Break) | 25 | % | ISO 527-2 |
| Flexural Stress | 50.0 | MPa | ISO 178 |
| Impact | Nominal Value | Unit | Test Method |
| Charpy Notched Impact Strength | 4.0 | kJ/m ² | ISO 179/1eA |
| Charpy Unnotched Impact Strength | 60 | kJ/m ² | ISO 179/1eU |
| Thermal | Nominal Value | Unit | Test Method |
| Heat Deflection Temperature (1.8 MPa, Unannealed) | 75.0 | °C | ISO 75-2/A |
| Vicat Softening Temperature | 100 | °C | ISO 306/B50 |
| Injection | Nominal Value | Unit | Test Method |
| Drying Temperature | | | |
| Circulation Dryer | 60.0 to 90.0 | °C | |
| Desiccant Dryer | 60.0 to 90.0 | °C | |
| Drying Time | | | |
| Circulation Dryer | 2.0 to 4.0 | hr | |

| | | |
|------------------------|--------------|----|
| Desiccant Dryer | 2.0 to 4.0 | hr |
| Processing (Melt) Temp | 200 to 270 | °C |
| Mold Temperature | 20.0 to 70.0 | °C |

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