Stylac™ FW920

Acrylonitrile Butadiene Styrene Asahi Kasei Chemicals Corporation

Message:

Stylac™ FW920 is an Acrylonitrile Butadiene Styrene (ABS) product. It is available in Africa & Middle East, Asia Pacific, or Europe. Typical application: Outdoor Applications. Primary characteristic: good uv resistance.

| General Information | | | |
|---------------------------------------|----------------------|----------|--------------|
| Features | Good UV Resistance | | |
| Uses | Outdoor Applications | | |
| Physical | Nominal Value | Unit | Test Method |
| Melt Mass-Flow Rate (MFR) (220°C/10.0 | | | |
| kg) | 30 | g/10 min | ISO 1133 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Stress (Yield) | 38.0 | MPa | ISO 527-2/50 |
| Flexural Modulus ¹ | 2000 | MPa | ISO 178 |
| Flexural Stress ² | 58.0 | MPa | ISO 178 |
| Impact | Nominal Value | Unit | Test Method |
| Charpy Notched Impact Strength (23°C) | 18 | kJ/m² | ISO 179 |
| Thermal | Nominal Value | Unit | Test Method |
| Heat Deflection Temperature (1.8 MPa, | | | |
| Unannealed) | 73.0 | °C | ISO 75-2/A |
| Vicat Softening Temperature | 86.0 | °C | ISO 306/B |
| NOTE | | | |
| 1. | 2.0 mm/min | | |
| 2. | 2.0 mm/min | | |

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