



Mafill® CR XG 5544 M

Ravago Manufacturing Europe - Polypropylene

General Information

Product Description

PP compound, 30% glass fibre filled, black

General

| | |
|------------------------|-------------------------------------|
| Material Status | • Commercial: Active |
| Availability | • Europe |
| Filler / Reinforcement | • Glass Fiber, 30% Filler by Weight |
| Appearance | • Black |

Properties ¹

| Physical | Nominal Value | Unit | Test Method |
|---|---------------|-------------------|-------------|
| Density | 1.13 | g/cm ³ | ISO 1183 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 10 | g/10 min | ISO 1133 |
| Ash Content (600°C) | 30 | % | |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus (23°C) | 4800 | MPa | ISO 527-1 |
| Tensile Stress (Yield, 23°C) | 59.0 | MPa | ISO 527-2 |
| Tensile Stress (Break, 23°C) | 57.0 | MPa | ISO 527-2 |
| Tensile Strain (Break, 23°C) | 3.0 | % | ISO 527-2 |
| Flexural Modulus (23°C) | 4500 | MPa | ISO 178 |
| Flexural Stress (23°C) | 95.0 | MPa | ISO 178 |
| Impact | Nominal Value | Unit | Test Method |
| Charpy Unnotched Impact Strength (23°C) | 35 | kJ/m ² | ISO 179 |
| Notched Izod Impact Strength (23°C) | 7.0 | kJ/m ² | ISO 180 |
| Thermal | Nominal Value | Unit | Test Method |
| Vicat Softening Temperature | 110 | °C | ISO 306/B50 |

Notes

¹ Typical properties: these are not to be construed as specifications.