



Mafill® CR CE 5044

Ravago Manufacturing Europe - Polypropylene Copolymer

General Information

Product Description

Polypropylene compound, industrial quality, black, impact modified

General

| | |
|-----------------|----------------------|
| Material Status | • Commercial: Active |
| Availability | • Europe |
| Additive | • Impact Modifier |
| Features | • Impact Modified |
| Appearance | • Black |

Properties ¹

| Physical | Nominal Value | Unit | Test Method |
|---|---------------|-------------------|-------------|
| Density | 0.910 | g/cm ³ | ISO 1183 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 10 | g/10 min | ISO 1133 |
| Ash Content (700°C) | 5.0 | % | ISO 3451 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus (23°C) | 900 | MPa | ISO 527-1 |
| Tensile Stress (Yield, 23°C) | 20.0 | MPa | ISO 527-2 |
| Tensile Strain (Yield, 23°C) | 10 | % | ISO 527-2 |
| Flexural Modulus (23°C) | 900 | MPa | ISO 178 |
| Impact | Nominal Value | Unit | Test Method |
| Charpy Notched Impact Strength | | | ISO 179 |
| -30°C | 3.0 | kJ/m ² | |
| 23°C | 30 | kJ/m ² | |
| Notched Izod Impact Strength (23°C) | 30 | kJ/m ² | ISO 180 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Annealed) | 45.0 | °C | ISO 75-2/A |
| Vicat Softening Temperature | 50.0 | °C | ISO 306/B50 |

Notes

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