



Ravaplen® 62 T 42

Ravago Manufacturing Europe - Polypropylene Copolymer

General Information

Product Description

PP near to prime compound, 16% talc reinforced, black, scratch resistant for automotive interior trims, different colours on request

General

| | | | |
|------------------------|------------------------------|--------------------|--|
| Material Status | • Commercial: Active | | |
| Availability | • Europe | • North America | |
| Filler / Reinforcement | • Talc, 16% Filler by Weight | | |
| Features | • Good Scratch Resistance | | |
| Uses | • Automotive Interior Parts | | |
| Appearance | • Black | • Colors Available | |

Properties ¹

| Physical | Nominal Value | Unit | Test Method |
|---|---------------|-------------------|-------------|
| Density | 1.02 | g/cm ³ | ISO 1183 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 13 | g/10 min | ISO 1133 |
| Ash Content (600°C) | 16 | % | ISO 3451 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus (23°C) | 1400 | MPa | ISO 527-1 |
| Tensile Stress (Yield, 23°C) | 20.0 | MPa | ISO 527-2 |
| Flexural Modulus (23°C) | 1450 | MPa | ISO 178 |
| Impact | Nominal Value | Unit | Test Method |
| Charpy Notched Impact Strength | | | ISO 179 |
| -30°C | 3.0 | kJ/m ² | |
| 23°C | 24 | kJ/m ² | |
| Notched Izod Impact Strength | | | ISO 180 |
| -30°C | 4.0 | kJ/m ² | |
| 23°C | 25 | kJ/m ² | |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load | | | ISO 75-2/B |
| 0.45 MPa, Unannealed | 98.0 | °C | |
| Deflection Temperature Under Load | | | ISO 75-2/A |
| 1.8 MPa, Unannealed | 53.0 | °C | |
| Vicat Softening Temperature | 58.0 | °C | ISO 306/B50 |

Notes

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