



Ravaplen® 72 T 43

Ravago Manufacturing Europe - Polypropylene Copolymer

General Information

Product Description

PP Copolymer, 20% talc reinforced, excellent scratch resistance, UV stabilised, for automotive interior trims, different colours on request

General

| | | | |
|------------------------|------------------------------|---------------------------|-----------------|
| Material Status | • Commercial: Active | | |
| Availability | • Europe | • North America | |
| Filler / Reinforcement | • Talc, 20% Filler by Weight | | |
| Additive | • UV Stabilizer | | |
| Features | • Copolymer | • High Scratch Resistance | • UV Stabilized |
| Uses | • Automotive Interior Trim | | |
| Appearance | • Colors Available | | |

Properties ¹

| Physical | Nominal Value | Unit | Test Method |
|---|---------------|-------------------|-------------|
| Density | 1.04 | g/cm ³ | ISO 1183 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 15 | g/10 min | ISO 1133 |
| Ash Content (700°C) | 20 | % | ISO 3451 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus (23°C) | 1600 | MPa | ISO 527-1 |
| Tensile Stress (Yield, 23°C) | 20.0 | MPa | ISO 527-2 |
| Tensile Strain (Yield, 23°C) | 5.5 | % | ISO 527-2 |
| Flexural Modulus (23°C) | 1700 | MPa | ISO 178 |
| Impact | Nominal Value | Unit | Test Method |
| Charpy Notched Impact Strength (23°C) | 13 | kJ/m ² | ISO 179 |
| Notched Izod Impact Strength (23°C) | 16 | kJ/m ² | ISO 180 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Annealed) | 60.0 | °C | ISO 75-2/A |
| Vicat Softening Temperature | 60.0 | °C | ISO 306/B50 |

Notes

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