



Sicostirolo® CR H 3546

Ravago Manufacturing Europe - High Impact Polystyrene

General Information

Product Description

PS compound, high impact, white

General

| | |
|-----------------|--------------------------|
| Material Status | • Commercial: Active |
| Availability | • Europe |
| Features | • High Impact Resistance |
| Appearance | • White |

Properties ¹

| Physical | Nominal Value | Unit | Test Method |
|--|---------------|-------------------|-------------|
| Density | 1.05 | g/cm ³ | ISO 1183 |
| Melt Mass-Flow Rate (MFR) (200°C/5.0 kg) | 8.0 | g/10 min | ISO 1133 |
| Molding Shrinkage - Flow | 0.40 to 0.70 | % | ASTM D955 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Stress (Yield) | 18.0 | MPa | ISO 527-2 |
| Tensile Stress (Break) | 14.0 | MPa | ISO 527-2 |
| Tensile Strain (Break) | 30 | % | ISO 527-2 |
| Flexural Modulus | 2000 | MPa | ISO 178 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact Strength (23°C) | 8.5 | kJ/m ² | ISO 180 |
| Thermal | Nominal Value | Unit | Test Method |
| Vicat Softening Temperature | 92.0 | °C | ISO 306/A50 |

Notes

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