

Technical Data Sheet

Hifax SP 179 3004



Polypropylene Compounds

Product Description

Hifax SP 179 3004 is an unfilled PP copolymer with high impact and high UV resistance. The product is available in different color matched, pellet form. This grade is delivered in 3004 color version.

This grade is not intended for medical, pharmaceutical, food and drinking water applications.

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|--------------------------|--|
| Application | Exterior Automotive Applications |
| Market | Automotive |
| Processing Method | Injection Molding |
| Attribute | Good Impact Resistance; Good UV Resistance |

| Typical Properties | Nominal Value | Units | Test Method |
|---|---------------|-------------------|---------------|
| Physical | | | |
| Melt Flow Rate, (230 °C/2.16 kg) | 7 | g/10 min | ISO 1133-1 |
| Density, (23 °C) | 0,91 | g/cm ³ | ISO 1183-1/A |
| Mechanical | | | |
| Flexural Modulus, (23 °C, Tech. A) | 900 | MPa | ISO 178/A1 |
| Tensile Stress at Yield, (23 °C) | 15 | MPa | ISO 527-1, -2 |
| Tensile Strain at Break, (23 °C) | >250 | % | ISO 527-1, -2 |
| Impact | | | |
| Charpy Impact Strength - Notched | | | |
| (23 °C) | 75 | kJ/m ² | ISO 179-1/1eA |
| (-30 °C) | 10 | kJ/m ² | ISO 179-1/1eA |
| Thermal | | | |
| Deflection Temperature Under Load, (0.45 MPa, Unannealed) | 45 | °C | ISO 75B-1, -2 |