

Technical Data Sheet

Hifax CB 1160 A BLACK

Polypropylene Compounds

Product Description

Hifax CB 1160 A BLACK is a talc filled PP copolymer, with medium flowability, high impact resistance and good paintability. The product is also available in black color, pellet form.

Regulatory Status

For regulatory compliance information, see Hifax CB 1160 A BLACK [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

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

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|-------------------|--|
| Status | Commercial: Active |
| Availability | Europe |
| Application | Bumpers |
| Market | Automotive |
| Processing Method | Injection Molding |
| Attribute | High Impact Resistance; Medium Flow; Paintable |

| Typical Properties | Nominal Value | Units | Test Method |
|---|---------------|-------------------|---------------|
| Physical | | | |
| Melt Flow Rate, (230 °C/2.16 kg) | 14 | g/10 min | ISO 1133-1 |
| Density, (23 °C) | 0.97 | g/cm ³ | ISO 1183-1/A |
| Mechanical | | | |
| Flexural Modulus, (23 °C, Tech. A) | 1400 | MPa | ISO 178/A1 |
| Flexural Strength, (23 °C, Tech. A) | 22 | MPa | ISO 178/A1 |
| Tensile Stress at Yield, (23 °C) | 18 | MPa | ISO 527-1, -2 |
| Impact | | | |
| Notched Izod Impact Strength | | | |
| (23 °C) | 40 | kJ/m ² | ISO 180/1A |
| (-30 °C) | 6.5 | kJ/m ² | ISO 180/1A |
| Thermal | | | |
| Vicat Softening Temperature, (B50) | 52 | °C | ISO 306 |
| Deflection Temperature Under Load, (1.80 MPa, Unannealed) | 50 | °C | ISO 75A-1, -2 |

Notes

These are typical property values not to be construed as specification limits.