Technical Data Sheet

# *Hifax* CB 1160 G1 G81493

Polypropylene Compounds

## Product Description

*Hifax* CB 1160 G1 is a talc filled PP copolymer, with medium flowability, high impact resistance and good stiffness. This grade is delivered in customer customized colors. This Data Sheet is giving general properties, some of them may be slightly altered upon color selected.

## Regulatory Status

For regulatory compliance information, see *Hifax* CB 1160 G1 G81493 Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

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

| | |
|---|---|
| **Status** | Commercial: Active |
| **Availability** | Europe |
| **Application** | Bumpers; Exterior Trim |
| **Market** | Automotive |
| **Processing Method** | Injection Molding |
| **Attribute** | Good Stiffness; High Impact Resistance; Medium Flow; Pleasing Surface Appearance; Scratch Resistant; UV Resistant |

| 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/cm³ | 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) | 45 | kJ/m² | ISO 180/1A |
| (-30 °C) | 6.5 | kJ/m² | 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 |



Manufacturer website: https://www.lyondellbasell.com/en/

## Notes

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

Availability indicates the region where the material is produced. For importation or demand of a local equivalent grade, please contact our Sales Representatives.

## Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

## Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing

## Company Information

For further information regarding the LyondellBasell company, please visit http://www.lyb.com/.

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