Technical Data Sheet

# *Hifax* EYG 382P C12716

Polypropylene Compounds

## Product Description

*Hifax* EYG 382P C12716 is a 28% glass fiber reinforced PP copolymer, with high stiffness, low CLTE (Coefficient of Linear Thermal Expansion), low creep under load at elevated temperatures and good UV resistance. The product is available as a customized color matched, pellet form. This grade is delivered in C12716 color version.

## Regulatory Status

For regulatory compliance information, see *Hifax* EYG 382P C12716 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** | Exterior Trim |
| **Market** | Automotive |
| **Processing Method** | Injection Molding |
| **Attribute** | CAE data available: See "Notes"; Excellent Stiffness; High Flow; Pleasing Surface Appearance |

| Typical Properties | Nominal Value | Units | Test Method |
|---|---|---|---|
| **Physical** | | | |
| Melt Flow Rate, (230 °C/2.16 kg) | 26 | g/10 min | ISO 1133-1 |
| Density, (23 °C) | 1.11 | g/cm³ | ISO 1183-1/A |
| **Mechanical** | | | |
| Flexural Modulus, (23 °C, Tech. A) | 5500 | MPa | ISO 178/A1 |
| Tensile Stress at Yield, (23 °C) | 75 | MPa | ISO 527-1, -2 |
| **Impact** | | | |
| Charpy Impact Strength - Notched, (23 °C) | 12 | kJ/m² | ISO 179-1/1eA |



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/.

© LyondellBasell Industries Holdings, B.V. 2026

## Disclaimer

Information in this document is accurate to the best of our knowledge at the date of publication. The document is designed to provide users general information for safe handling, use, processing, storage, transportation, disposal and release and does not constitute any warranty or quality specification, either express or implied, including any warranty of merchantability or fitness for any particular purpose. Users shall determine whether the product is suitable for their use and can be used safely and legally.

In addition to any prohibitions of use specifically noted in this document, LyondellBasell may further prohibit or restrict the sale of its products into certain applications. For further information, please contact a LyondellBasell representative.

## Trademarks

The Trademark referenced within the product name is owned or used by the LyondellBasell family of companies.