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Technical Data Sheet

Hifax EYG 382P C12716

LYB LyondellBasell

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.

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

Application Exterior Trim

Market Automotive

Processing Method Injection Molding

Attribute Excellent Stiffness; High Flow; Pleasing Surface Appearance

Nominal Typical Properties Units **Test Method** Value **Physical** Melt Flow Rate, (230 °C/2.16 kg) 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) ISO 527-1, -2 75 MPa Impact Charpy Impact Strength - Notched, (23 °C) 12 kJ/m² ISO 179-1/1eA