



Hifax EYG 382P C12716

Compounded Polyolefin

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, drinking water and all applications not listed in the supported list. For more information please contact our sales representatives.

Product Characteristics

Status	Commercial
Processing Method	Injection molding
Features	Stiffness, CLTE (Coefficient of Linear Thermal Expansion), creep under load at elevated temperatures, UV resistance.

Typical Customer Applications Used for outdoor/exterior applications.

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	26	g/10 min
Density (23 °C)	ISO 1183-1/A	1.11	g/cm ³
Mechanical			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	75	MPa
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	5500	MPa
Impact			
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	7	kJ/m ²

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.

