

Technical Data Sheet

Hifax EYG 382P T1 C12716



Polypropylene Compounds

Product Description

Hifax EYG 382P T1 C12716 is a 28% glass fiber reinforced PP copolymer, with high melt flow rate, high stiffness, 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 Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	Excellent Stiffness; Good UV Resistance; 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)	1.12	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus	5750	MPa	ISO 178
Flexural Stress, (3.5% Strain)	105	MPa	ISO 178
Tensile Stress at Yield	72	MPa	ISO 527-1, -2
Tensile Strain at Break	4.5	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	12	kJ/m ²	ISO 179-1/1eA
Thermal			
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	143	°C	ISO 75A-1, -2