

Hifax EKC 112X

Compounded Polyolefin

Product Description

Hifax EKC 112X is a 20% talc filled PP copolymer, with high stiffness, very good impact resistance, low CLTE (Coefficient of Linear Thermal Expansion) and good paintability. 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

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

Product Characteristics

Status	Commercial
Processing Method	Injection molding
Features	Stiffness, impact resistance, CLTE (Coefficient of Linear Thermal Expansion), paintability.
Typical Customer Applications	Used for automotive exterior trims and automotive fascia applications.

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	6	g/10 min
Density (23 °C)	ISO 1183-1/A	1.03	g/cm ³
Mechanical			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	17	MPa
Tens.Strain at Break	ISO 527-1, -2	75	%
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	1800	MPa
Impact			
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	42	kJ/m ²
Charpy Impact Strength, notched (-30 °C)	ISO 179-1/1eA	9	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.

