



Hifax CA 182 G G12435

Compounded Polyolefin

IMDS Number: 117204618

Product Description

Hifax CA 182 G G12435 is an unfilled PP copolymer, with high impact resistance and good UV resistance. Product is available as a customized color matched, pellet form. This grade is delivered in G12435 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	No more commercial	
Availability	Europe	(1)
Processing Method	Injection molding	
Features	Impact resistance, UV resistance.	
Typical Customer Applications	Designed for outdoor/exterior application.	

Typical Properties

	Method	Value	Unit
Physical			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	11	g/10 min
Density (23 °C)	ISO 1183-1/A	0.92	g/cm ³
Mechanical			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	18	MPa
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	950	MPa
Impact			
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	55	kJ/m ²
Charpy Impact Strength, notched (-40 °C)	ISO 179-1/1eA	6	kJ/m ²
Izod Impact strength, notched (23 °C)	ISO 180/1A	48	kJ/m ²
Izod Impact strength, notched (-40 °C)	ISO 180/1A	6	kJ/m ²
Thermal			
Heat Deflection Temperature B (0.45 MPa)	ISO 75-1, -2	74	°C

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.

Notes

Typical properties; not to be construed as specifications.

(1) : Here is indicated the region where the material is produced. For importation or demand of a local equivalent grade, please contact our Sales Representatives.