



## 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
Processing Method	Injection molding
Features	Impact resistance, UV resistance.
Typical Customer Applications	Designed for outdoor/exterior application.

Typical Properties	Method	Value	Unit
<b>Physical</b>			
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 <sup>3</sup>
<b>Mechanical</b>			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	18	MPa
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	950	MPa
<b>Impact</b>			
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	55	kJ/m <sup>2</sup>
Charpy Impact Strength, notched (-40 °C)	ISO 179-1/1eA	6	kJ/m <sup>2</sup>
Izod Impact strength, notched (23 °C)	ISO 180/1A	48	kJ/m <sup>2</sup>
Izod Impact strength, notched (-40 °C)	ISO 180/1A	6	kJ/m <sup>2</sup>
<b>Thermal</b>			
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.

