



## Hifax CA 1110 G4 C11306

### Compounded Polyolefin

#### Product Description

Hifax CA 1110 G4 C11306 is a 10% talc filled PP copolymer, with high melt flow, good impact resistance and excellent UV resistance. Product is available as a customized color matched, pellet form. This grade is delivered in C11306 color version.

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

#### Product Characteristics

|                               |   |
|-------------------------------|---|
| Status                        | Commercial  |
| Processing Method             | Injection molding   |
| Features                      | Impact resistance, UV resistance.   |
| Typical Customer Applications | Used for automotive exterior trims and applications demanding high impact strength as well as good stiffness. |

| Typical Properties                        | Method        | Value | Unit              |
|---|---------------|-------|-------------------|
| <b>Physical</b>                           |               |       |                   |
| Melt Flow Rate (230 °C, 2.16 kg)          | ISO 1133      | 12    | g/10 min          |
| Density (23 °C)                           | ISO 1183-1/A  | 0.98  | g/cm <sup>3</sup> |
| <b>Mechanical</b>                         |               |       |                   |
| Tensile Stress at Yield (23 °C)           | ISO 527-1, -2 | 18    | MPa               |
| Tens.Strain at Break                      | ISO 527-1, -2 | 400   | %                 |
| Flexural Modulus (23 °C) Tech. A          | ISO 178/A1    | 1250  | MPa               |
| <b>Impact</b>                             |               |       |                   |
| Charpy Impact Strength, notched (23 °C)   | ISO 179-1/1eA | 40    | kJ/m <sup>2</sup> |
| Charpy Impact Strength, notched (-30 °C)  | ISO 179-1/1eA | 4     | kJ/m <sup>2</sup> |
| Charpy Impact Strength, unnotched (23 °C) | ISO 179-1/1eU | N.B.  | kJ/m <sup>2</sup> |
| <b>Thermal</b>                            |               |       |                   |
| Vicat Softening Temperature A (10 N)      | ISO 306       | 118   | °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.

