



## Hifax CA 1168 A 3001 S1

### Compounded Polyolefin

#### Product Description

Hifax CA 1168 A 3001 S1 is a 10% talc filled PP copolymer, with low flowability and high impact resistance. Product is available in grey color, pellet form. This grade is delivered in 3001 color version.

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

#### Product Characteristics

Status	Commercial
Processing Method	Injection molding
Features	Flowability, impact resistance.
Typical Customer Applications	Used for automotive painted bumper.

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Melt Flow Rate (230 °C, 2.16 kg)	ISO 1133	6	g/10 min
Density (23 °C)	ISO 1183-1/A	0.96	g/cm <sup>3</sup>
<b>Mechanical</b>			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	17	MPa
Tens.Strain at Break	ISO 527-1, -2	250	%
Flexural Modulus (23 °C) Tech. A	ISO 178/A1	1200	MPa
<b>Impact</b>			
Charpy Impact Strength, notched (23 °C)	ISO 179-1/1eA	70	kJ/m <sup>2</sup>
Charpy Impact Strength, notched (-30 °C)	ISO 179-1/1eA	6	kJ/m <sup>2</sup>
<b>Thermal</b>			
Vicat Softening Temperature A (10 N)	ISO 306	130	°C
Heat Deflection Temperature B (0.45 MPa)	ISO 75-1, -2	95	°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.

