



## Hifax PPN 8008 103220

### Compounded Polyolefin

#### Product Description

Hifax PPN 8008 103220 is an unfilled PP copolymer, with medium flowability and excellent low temperature impact resistance. Product is available as a customized color matched, pellet form. This grade is delivered in 103220 color version.

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

#### Product Characteristics

Status	Commercial
Processing Method	Injection molding
Features	Low temperature impact resistance.
Typical Customer Applications	Used for automotive exterior trims.

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Melt Flow Rate (230 °C, 5 kg)	ISO 1133	10	g/10 min
Melt Volume Rate (230 °C, 5 kg)	ISO 1133	13	cm <sup>3</sup> /10 min
Density (23 °C)	ISO 1183-1/A	0.9	g/cm <sup>3</sup>
<b>Mechanical</b>			
Tensile Modulus (23 °C)	ISO 527-1, -2	750	MPa
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	17	MPa
<b>Impact</b>			
Charpy Impact Strength, unnotched (23 °C)	ISO 179-1/1eU	80	kJ/m <sup>2</sup>
Charpy Impact Strength, unnotched (0 °C)	ISO 179-1/1eU	NB	kJ/m <sup>2</sup>
<b>Thermal</b>			
Vicat Softening Temperature B (50 N)	ISO 306	50	°C
Heat Deflection Temperature A (1.8 MPa)	ISO 75-1, -2	50	°C
Heat Deflection Temperature B (0.45 MPa)	ISO 75-1, -2	75	°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.

