

## Technical Data Sheet

### Hifax 0307 BLACK



Polypropylene Compounds

#### Product Description

Hifax 0307 BLACK is an unfilled PP copolymer, with medium melt flow rate offering a good flexibility, high impact resistance, and good UV resistance. Product is available as non color matched, black, pellet form.

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

<b>Application</b>	Exterior Automotive Applications
<b>Market</b>	Automotive
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Good Flexibility; Good UV Resistance; High Impact Resistance; Medium Flow

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	13	g/10 min	ISO 1133-1
Density, (23 °C)	0.90	g/cm <sup>3</sup>	ISO 1183-1/A
<b>Mechanical</b>			
Flexural Modulus	280	MPa	ISO 178
Tensile Stress at Yield	9	MPa	ISO 527-1, -2
Tensile Strain at Break	>400	%	ISO 527-1, -2
<b>Impact</b>			
Notched Izod Impact Strength			
(23 °C)	No Break	kJ/m <sup>2</sup>	ISO 180/1A
(-30 °C)	No Break	kJ/m <sup>2</sup>	ISO 180/1A
<b>Hardness</b>			
Shore Hardness, (Shore D)	40		ISO 868