



## Hifax EP 3080G

### Polypropylene, Impact Copolymer

#### Product Description

Hifax EP 3080G is non-filled polypropylene copolymer for injection molding with very high impact strength. The grade has good UV resistance designed for outdoor applications. The grade is natural, in pellet forms.

Typical customer applications for Hifax EP 3080 G are non painted automotive bumpers.

#### Product Characteristics

<b>Status</b>	Commercial: Active
<b>Test Method used</b>	ISO
<b>Processing Methods</b>	Injection Molding
<b>Features</b>	High Impact Resistance
<b>Typical Customer Applications</b>	Bumpers

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Density (Method A)	ISO 1183	0.9	g/cm <sup>3</sup>
Melt flow rate (MFR) (230°C/2.16kg)	ISO 1133	7.5	g/10 min
<b>Mechanical</b>			
Tensile Stress at Break	ISO 527-1, -2	13	MPa
Tensile Stress at Yield	ISO 527-1, -2	17	MPa
Tensile Strain at Break	ISO 527-1, -2	>100	%
Tensile Strain at Yield	ISO 527-1, -2	5	%
Flexural modulus	ISO 178	900	MPa
<b>Impact</b>			
Notched izod impact strength (23 °C, Type 1, Notch A)	ISO 180	No break	kJ/m <sup>2</sup>
(- 20 °C, Type 1, Notch A)		15	kJ/m <sup>2</sup>
<b>Thermal</b>			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	70	°C
Vicat softening temperature	ISO 306	130	°C
<i>Note: Method A</i>			

#### Notes

Typical properties; not to be construed as specifications.