

## Technical Data Sheet

### Hifax EP200R



Polypropylene, Impact Copolymer

#### Product Description

*Moplen* EP200R is a "Reactor-made Thermoplastic PolyOlefin", super impact copolymer with high impact resistance. Typical customer application is compounding base resin for automotive bumper fascia.

<b>Application</b>	Exterior Automotive Applications; Interior Automotive Applications
<b>Market</b>	Automotive; Consumer Products; Industrial Packaging
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Good Processability; Good Toughness; Impact Copolymer; Low Temperature Impact Resistance

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	21	g/10 min	ASTM D1238
Density	0.90	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
Flexural Modulus	750	MPa	ASTM D790
Tensile Strength at Yield	18	MPa	ASTM D638
Tensile Elongation at Yield	6	%	ASTM D638
<b>Impact</b>			
Notched Izod Impact Strength			
(23 °C)	No Break		ASTM D256
(-20 °C)	130	J/m	ASTM D256
<b>Hardness</b>			
Shore Hardness, (Shore D)	60		ASTM D2240
Rockwell Hardness, (R-Scale)	50		ASTM D785
<b>Thermal</b>			
Vicat Softening Point	130	°C	ASTM D1525
Deflection Temperature Under Load, (0.46 N/mm <sup>2</sup> )	85	°C	ASTM D648
<b>Optical</b>			
Gardner Gloss, (60°)	30		ASTM D523