

## Technical Data Sheet

### Hifax EP5015



Polypropylene, Impact Copolymer

#### Product Description

*Moplen* EP5015 is a medium fluidity nucleated heterophasic copolymer, with optimized balance of stiffness and toughness, high impact strength at low temperature, low warpage, good whitening resistance, and excellent processability. Typical customer applications are transport and cold storage crates, sports and leisure equipment, toys and typical consumer goods and luggages.

<b>Status</b>	Commercial: Active
<b>Availability</b>	Africa-Middle East; Asia-Pacific; Australia and New Zealand
<b>Application</b>	Crates; Furniture; Luggage; Sports, Leisure & Toys
<b>Market</b>	Automotive; Industrial Packaging
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Blush Resistant; Good Stiffness; Low Temperature Impact Resistance

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	15	g/10 min	ASTM D1238
Density	0.90	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
Flexural Modulus	1100	MPa	ASTM D790
Tensile Strength at Yield	22	MPa	ASTM D638
Tensile Elongation at Yield	8	%	ASTM D638
<b>Impact</b>			
Notched Izod Impact Strength			
(23 °C)	No Break		ASTM D256
(-20 °C)	90	J/m	ASTM D256

#### Notes

These are typical property values not to be construed as specification limits.