

## Technical Data Sheet

### Moplen EP332K



Polypropylene, Impact Copolymer

#### Product Description

Moplen EP332K is a polypropylene impact copolymer with an optimized balance of stiffness and toughness, high impact strength at low temperature, low warpage and good thermal ageing stability. Typical customer applications are injection molding of toys, crates, appliances housing, and general housewares.

#### Regulatory Status

For regulatory compliance information, see Moplen EP332K [Product Stewardship Bulletin \(PSB\) and Safety Data Sheet \(SDS\)](#).

<b>Status</b>	Commercial: Active
<b>Availability</b>	Africa-Middle East; Asia-Pacific; Australia and New Zealand
<b>Application</b>	Crates; Housewares; Opaque Containers; Small Appliances; Sports, Leisure & Toys
<b>Market</b>	Consumer Products; Electrical / Electronics
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Good Heat Aging Resistance; Good Impact Resistance; Good Toughness; High Stiffness; Impact Copolymer

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	5	g/10 min	ASTM D1238
Density	0.90	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
Flexural Modulus	1150	MPa	ASTM D790
Tensile Strength at Yield	25	MPa	ASTM D638
Tensile Elongation at Yield	9	%	ASTM D638
<b>Impact</b>			
Notched Izod Impact Strength, (23 °C)	150	J/m	ASTM D256
<b>Thermal</b>			
Deflection Temperature Under Load, (0.46 N/mm <sup>2</sup> )	88	°C	ASTM D648

## Notes

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

## Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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