

## Technical Data Sheet

### Moplen EP400L



Polypropylene, Impact Copolymer

#### Product Description

Moplen EP400L is a polypropylene impact copolymer resin, with improved impact stiffness balance and good dimensional stability. Typical customer applications are industrial containers, pails and crates, motorcycle parts, electrical appliances, and toys.

#### Regulatory Status

For regulatory compliance information, see Moplen EP400L [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; Furniture; Housewares; Opaque Containers; Small Appliances; Sports, Leisure & Toys
<b>Market</b>	Consumer Products; Electrical / Electronics; Industrial Packaging; Rigid Packaging
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Good Dimensional Stability; Good Impact Resistance; Good 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	1220	MPa	ASTM D790
Tensile Strength at Yield	25	MPa	ASTM D638
Tensile Elongation at Yield	7	%	ASTM D638
<b>Impact</b>			
Notched Izod Impact Strength, (23 °C)	132	J/m	ASTM D256
<b>Thermal</b>			
Deflection Temperature Under Load	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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