

## Technical Data Sheet

### Moplen EP540V



Polypropylene, Impact Copolymer

#### Product Description

Moplen EP540V is a polypropylene impact copolymer, with very high melt flow, low warpage, low odor, and good stiffness-impact balance. Typical applications are component of compounds for moulding automotive interior and exterior parts like door panels and bumper fascia, direct injection moulding of multimedia packaging like DVD cases, and injection moulding of general housewares and thin wall containers.

#### Regulatory Status

For regulatory compliance information, see Moplen EP540V [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>	Bumpers; Exterior Automotive Applications; Housewares; Interior Automotive Applications; Multi Media Packaging; Opaque Containers
<b>Market</b>	Automotive; Consumer Products; Rigid Packaging
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	High Flow; Impact Copolymer; Low to No Odor; Low Warpage

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	110	g/10 min	ASTM D1238
Density	0.90	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
Flexural Modulus	1600	MPa	ASTM D790
Tensile Strength at Yield	24	MPa	ASTM D638
Tensile Elongation at Yield	4	%	ASTM D638
<b>Impact</b>			
Notched Izod Impact Strength			
(23 °C)	40	J/m	ASTM D256
(-20 °C)	30	J/m	ASTM D256

## 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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