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).

Status	Commercial: Active
Availability	Africa-Middle East; Asia-Pacific; Australia and New Zealand
Application	Bumpers; Exterior Automotive Applications; Housewares; Interior Automotive Applications; Multi Media Packaging; Opaque Containers
Market	Automotive; Consumer Products; Rigid Packaging
Processing Method	Injection Molding
Attribute	High Flow; Impact Copolymer; Low to No Odor; Low Warpage

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	110	g/10 min	ASTM D1238
Density	0.90	g/cm³	ASTM D792
Mechanical			
Flexural Modulus	1600	MPa	ASTM D790
Tensile Strength at Yield	24	MPa	ASTM D638
Tensile Elongation at Yield	4	%	ASTM D638
Impact			
Notched Izod Impact Strength			
(23 °C)	40	J/m	ASTM D256
(-20 °C)	30	J/m	ASTM D256

Manufacturer website: https://www.polymirae.com/

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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