Technical Data Sheet

Moplen EP336J

Polypropylene, Impact Copolymer

Product Description

Moplen EP336J is a polypropylene impact copolymer with optimized balance of stffness and toughness/ high impact strength at low temperature / high stiffness / low warpage. Typical customer applications are injection molding of toys, crates, and houseware.

Regulatory Status

For regulatory compliance information, see *Moplen* EP336J Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Availability	Africa-Middle East; Asia-Pacific; Australia and New Zealand
Application	Crates; Housewares; Opaque Containers; Sports, Leisure & Toys
Market	Consumer Products; Rigid Packaging
Processing Method	Injection Molding
Attribute	High Stiffness; Impact Copolymer; Low Temperature Impact Resistance; Low Warpage

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	3	g/10 min	ASTM D1238
Density	0.90	g/cm³	ASTM D792
Mechanical			
Flexural Modulus	1200	MPa	ASTM D790
Tensile Strength at Yield	25	MPa	ASTM D638
Tensile Elongation at Yield	7	%	ASTM D638
Impact			
Notched Izod Impact Strength			
(23 °C)	450	J/m	ASTM D256
(-20 °C)	60	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	86		ASTM D785
Thermal			
Vicat Softening Point	147	°C	ASTM D1525
Deflection Temperature Under Load, (0.46 N/mm²)	96	°C	ASTM D648

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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