Technical Data Sheet

Moplen BA238A

Polypropylene, Impact Copolymer

Product Description

Moplen BA238A is a non-filled copolymer with very high impact strength even at low temperature. Typical customer application is injection molding of bumpers suitable for painting, and applications with high impact resistance.

Regulatory Status

For regulatory compliance information, see *Moplen* BA238A Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Availability	Africa-Middle East; Asia-Pacific; Australia and New Zealand
Application	Exterior Automotive Applications; Interior Automotive Applications
Market	Automotive; Consumer Products; Industrial Packaging
Processing Method	Injection Molding
Attribute	Good Processability; Good Toughness; Impact Copolymer; Low Temperature Impact Resistance

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	11	g/10 min	ASTM D1238
Density	0.90	g/cm³	ASTM D792
Mechanical			
Flexural Modulus	900	MPa	ASTM D790
Tensile Strength at Yield	19	MPa	ASTM D638
Impact			
Notched Izod Impact Strength			
(23 °C)	No Break		ASTM D256
(-20 °C)	120	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	60		ASTM D785
Thermal			
Vicat Softening Point	130	°C	ASTM D1525
Deflection Temperature Under Load, (0.46 N/mm²)	95	°C	ASTM D648

Manufacturer website: https://www.lyondellbasell.com/en/

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/.

© LyondellBasell Industries Holdings, B.V. 2026

Disclaimer

Information in this document is accurate to the best of our knowledge at the date of publication. The document is designed to provide users general information for safe handling, use, processing, storage, transportation, disposal and release and does not constitute any warranty or quality specification, either express or implied, including any warranty of merchantability or fitness for any particular purpose. Users shall determine whether the product is suitable for their use and can be used safely and legally.

In addition to any prohibitions of use specifically noted in this document, LyondellBasell may further prohibit or restrict the sale of its products into certain applications. For further information, please contact a LyondellBasell representative.

Trademarks

The Trademark referenced within the product name is owned or used by the LyondellBasell family of companies.