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, motorcyle parts, electrical appliances, and toys.

## Regulatory Status

For regulatory compliance information, see *Moplen* EP400L Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

| | |
|---|---|
| **Status** | Commercial: Active |
| **Availability** | Africa-Middle East; Asia-Pacific; Australia and New Zealand |
| **Application** | Crates; Furniture; Housewares; Opaque Containers; Small Appliances; Sports, Leisure & Toys |
| **Market** | Consumer Products; Electrical / Electronics; Industrial Packaging; Rigid Packaging |
| **Processing Method** | Injection Molding |
| **Attribute** | Good Dimensional Stability; Good Impact Resistance; Good Stiffness; Impact Copolymer |

| Typical Properties | Nominal Value | Units | Test Method |
|---|---|---|---|
| **Physical** | | | |
| Melt Flow Rate, (230 °C/2.16 kg) | 5 | g/10 min | ASTM D1238 |
| Density | 0.90 | g/cm³ | ASTM D792 |
| **Mechanical** | | | |
| Flexural Modulus | 1220 | 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) | 132 | J/m | ASTM D256 |
| **Thermal** | | | |
| Deflection Temperature Under Load | 88 | °C | ASTM D648 |



Manufacturer website: https://www.hmcpolymers.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/.

© 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.