



Moplen EP400L

Polypropylene Impact Copolymer Resin

Features

- Improved impact/stiffness balance
- Good dimensional stability

Typical applications

- Industrial containers
- Pails / Crates
- Motorcycle parts
- Electrical appliances
- Toys

Resin properties (a)	Moplen EP400L	ASTM METHOD(b)
Melt flow rate (230°C / 2.16 kg), dg/min	5	D1238
Density, g/cm ³	0.90	D792B
Tensile strength at yield, MPa	25	D638
Elongation at yield, %	7	D638
Flexural modulus, MPa	1220	D790A
Notched izod impact strength at 23°C, J/m	132	D256A
Deflection temperature, at 455 kPa, °C	88	D648

(a) Values shown are averages and are not to be considered as specifications.

(b) ASTM test methods are the latest under Society's current procedures. All molded specimens are prepared by injection

Chemical Registration / Inventory Status

All ingredients in *Moplen* EP400L meet the chemical registration requirements of TSCA (U.S.) and DSL (Canada).

Note: Due to the fact that different regulations in each country set different details of compliance, users of *Moplen* EP400L are recommended to undertake their own investigation of the requirements and comply with each regulation set forth, for instance, in applicable local F&DA requirements. Ultimately the users must make their own determination that their use of *Moplen* EP400L is safe, lawful and technically suitable in their intended applications.

Moplen is a trademark of LyondellBasell Industries

HMC Polymers is certified according to ISO 9001 and 14001

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The purpose of this document is only for technical support of the use of the product.

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product data

