Technical Data Sheet

Moplen EP448RX B

Polypropylene, Impact Copolymer

Product Description

Moplen EP448RX B is a nucleated heterophasic copolymer used for injection moulding applications. It exhibits an excellent stiffness / impact balance combined with a good fluidity. *Moplen* EP448RX B is applied in toys, furniture and thin-walled injection moulding items.

Regulatory Status

For regulatory compliance information, see *Moplen* EP448RX B Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

This grade is not intended for medical and pharmaceutical applications.

Status	Commercial: Active
Availability	China
Application	Furniture; Housewares; Opaque Containers; Sports, Leisure & Toys
Market	Consumer Products; Rigid Packaging
Processing Method	Injection Molding
Attribute	Good Impact Resistance; Good Stiffness; Medium Flow; Nucleated

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	30	g/10 min	ISO 1133-1
Mechanical			
Tensile Modulus	1300	MPa	ISO 527-1, -2
Tensile Stress at Yield	25	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C, Type 1, Edgewise, Notch A)	9.5	kJ/m²	ISO 179
(-20 °C, Type 1, Edgewise, Notch A)	4.5	kJ/m²	ISO 179

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. 2018

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.