

## Technical Data Sheet

### Moplen HP741T



Polypropylene, Homopolymer

#### Product Description

LyondellBasell Australia's Polypropylene grade *Moplen* HP741T is a high flow homopolymer with a modified molecular weight. *Moplen* HP741T has been formulated for use in thin walled packaging containers where rapid cycle times are required together with consistent performance and a balanced level of mechanical properties.

#### Regulatory Status

For regulatory compliance information, see *Moplen* HP741T [Product Stewardship Bulletin \(PSB\) and Safety Data Sheet \(SDS\)](#).

<b>Status</b>	Commercial: Active
<b>Availability</b>	Asia-Pacific; Australia and New Zealand
<b>Application</b>	Containers; TWIM Food Containers
<b>Market</b>	Rigid Packaging
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Fast Cycle (Production); Good Moldability; High Flow; Homopolymer; Nucleated

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	60	g/10 min	ISO 1133-1
Density, (23 °C, Method D)	0.90	g/cm <sup>3</sup>	ISO 1183-1
<b>Mechanical</b>			
Flexural Modulus	1750	MPa	ISO 178
Tensile Stress at Yield	36	MPa	ISO 527-1, -2
<b>Impact</b>			
Notched Izod Impact Strength, (23 °C)	2.4	kJ/m <sup>2</sup>	ISO 180/1A
<b>Hardness</b>			
Shore Hardness, (Shore D)	76		ISO 868
<b>Thermal</b>			
Vicat Softening Temperature	150	°C	ISO 306
Heat Deflection Temperature B, (0.45 MPa, Unannealed)	100	°C	ISO 75B-1, -2

## 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.