

## Technical Data Sheet

### Moplen HP748H



Polypropylene, Homopolymer

#### Product Description

Moplen HP748H is a high stiffness homopolymer with superior optical properties, excellent stiffness impact balance, good processability and low odor transfer. Typical customer applications are thermoform packaging, microwavable food containers, extrusion sheets and EBM bottles.

#### Regulatory Status

For regulatory compliance information, see Moplen HP748H [Product Stewardship Bulletin \(PSB\) and Safety Data Sheet \(SDS\)](#).

<b>Status</b>	Commercial: Active
<b>Availability</b>	Africa-Middle East; Asia-Pacific; Australia and New Zealand
<b>Application</b>	Clear Containers; Opaque Containers
<b>Market</b>	Consumer Products; Rigid Packaging
<b>Processing Method</b>	Thermoforming
<b>Attribute</b>	High Clarity; High Stiffness; Homopolymer; Low Odor Transfer

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	2.0	g/10 min	ASTM D1238
Density	0.90	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
Flexural Modulus	1800	MPa	ASTM D790
Tensile Strength at Yield	38	MPa	ASTM D638
Tensile Elongation at Yield	10	%	ASTM D638
<b>Impact</b>			
Notched Izod Impact Strength, (23 °C)	47	J/m	ASTM D256
<b>Thermal</b>			
Deflection Temperature Under Load	115	°C	ASTM D648

## 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.