

Technical Data Sheet

Moplen HF600N



Polypropylene, Homopolymer

Product Description

Moplen HF600N is a non pelletized polypropylene homopolymer powder, with improved properties for color dispersion, productivity in reduced cycle time, and energy saving. Typical customer applications are components of compounds and masterbatches, injection molded containers and general houseware.

Regulatory Status

For regulatory compliance information, see Moplen HF600N [Product Stewardship Bulletin \(PSB\) and Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Application	Containers; Housewares
Market	Compounding
Processing Method	Compounding
Attribute	Good Flow; Good Stiffness; Homopolymer

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	12.5	g/10 min	ASTM D1238
Density	0.90	g/cm ³	ASTM D792
Mechanical			
Flexural Modulus	1600	MPa	ASTM D790
Tensile Strength at Yield	35	MPa	ASTM D638
Tensile Elongation at Yield	12	%	ASTM D638
Impact			
Notched Izod Impact Strength, (23 °C)	30	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	104		ASTM D785
Thermal			
Deflection Temperature Under Load, (0.46 N/mm ²)	107	°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.