

Technical Data Sheet



Moplen HP501N

Polypropylene, Homopolymer

Product Description

Moplen HP501N is a polypropylene homopolymer.

Moplen HP501N is used by customers for technical compounds.

Regulatory Status

For regulatory compliance information, see *Moplen HP501N* [Product Stewardship Bulletin \(PSB\) and Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	Africa-Middle East; Europe
Market	Compounding
Processing Method	Compounding
Attribute	Medium Flow

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	10	g/10 min	ISO 1133-1
Density	0.90	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus	1400	MPa	ISO 178
Tensile Modulus, (23 °C)	1500	MPa	ISO 527-1, -2
Tensile Stress at Yield	34	MPa	ISO 527-1, -2
Tensile Strain at Yield	10	%	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	3	kJ/m ²	ISO 179
Thermal			
Vicat Softening Temperature, (A50)	155	°C	ISO 306



Notes

These are typical property values not to be construed as specification limits.

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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