

# Moplen HF501N

Polypropylene Homopolymer

LyondellBasell Industries

## Message:

Moplen HF501N is a non pelletized homopolymer powder. The product is non stabilized. When pelletized and additivated Moplen HF501N is suitable for injection moulding. The main applications for HF501N are mineral filled compounds, colour and additives masterbatches, furnitures. Moplen HF501N has a wide range of approval for contact with food but for specific applications, please refer to LyondellBasell. The properties reported below are measured on the pelletized and additivated resin.

General Information			
Filler / Reinforcement	Mineral		
Features	Food Contact Acceptable		
	Good Flow		
	Good Stiffness		
	Homopolymer		
Uses	Furniture		
	Masterbatch		
Forms	Powder		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1550	MPa	ISO 527-2
Tensile Stress (Yield)	35.0	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	9.0	%	
Break	> 50	%	
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	3.0	kJ/m <sup>2</sup>	ISO 179
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	155	°C	ISO 306/A50

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Recommended distributors for this material

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