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 enery 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/cm³	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/mm²)	107	°C	ASTM D648

Manufacturer website: https://www.polymirae.com/

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/.

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