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).

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

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	2.0	g/10 min	ASTM D1238
Density	0.90	g/cm³	ASTM D792
Mechanical			
Flexural Modulus	1800	MPa	ASTM D790
Tensile Strength at Yield	38	MPa	ASTM D638
Tensile Elongation at Yield	10	%	ASTM D638
Impact			
Notched Izod Impact Strength, (23 °C)	47	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load	115	°C	ASTM D648

Manufacturer website: https://www.hmcpolymers.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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