Technical Data Sheet

Moplen HP740T

Polypropylene, Homopolymer

Product Description

Moplen HP740T is a polypropylene homopolymer with outstanding flowability, excellent transparency, high gloss, and high stiffness. Typical customer applications are rigid packaging, thin wall injection molding (TWIM) of food trays, drinking cups, plastic files, DVD casing.

Regulatory Status

For regulatory compliance information, see *Moplen* HP740T 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; Housewares; Opaque Containers
Market	Consumer Products; Rigid Packaging
Processing Method	Injection Molding
Attribute	Fast Cycle (Production); High Clarity; High Flow; High Gloss; High Stiffness; Homopolymer

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	60	g/10 min	ASTM D1238
Density	0.90	g/cm³	ASTM D792
Mechanical			
Flexural Modulus	1800	MPa	ASTM D790
Tensile Strength at Yield	37	MPa	ASTM D638
Tensile Elongation at Yield	10	%	ASTM D638
Impact			
Notched Izod Impact Strength, (23 °C)	20	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	105		ASTM D785
Thermal			
Deflection Temperature Under Load, (0.46 N/mm²)	125	°C	ASTM D648

Manufacturer website: https://www.lyondellbasell.com/en/

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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