

Moplen HP748L

Polypropylene Homopolymer

LyondellBasell Industries

Message:

Moplen HP748L is a high crystallinity polypropylene homopolymer manufactured using the Spheripol process. It has very high stiffness, high gloss and good thermal stability. Typical application includes electrical appliances, food packaging.

General Information			
Features	Good Thermal Stability		
	High Gloss		
	High Stiffness		
	Homopolymer		
Uses	Containers		
	Household Goods		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	110		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	40.2	MPa	ASTM D638
Tensile Elongation (Yield)	8.0	%	ASTM D638
Flexural Modulus	2060	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	49	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	140	°C	ASTM D648

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