

Moplen HP741H

Polypropylene Homopolymer

LyondellBasell Industries

Message:

Moplen HP741H is a polypropylene homopolymer. With its high clarity and good impact stiffness balance, this grade is especially suitable for solid phase pressure thermoforming process. Potential end use products include drinking, yoghurt cups, dairy packaging, general food container, etc. all of which can be hot fillable or microwaveable.

General Information			
Features	Good Impact Resistance		
	Good Stiffness		
	High Clarity		
	Homopolymer		
Uses	Containers		
	Cups		
	Food Containers		
Processing Method	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	38.0	MPa	ASTM D638
Tensile Elongation (Yield)	8.0	%	ASTM D638
Flexural Modulus	1800	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	45	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	113	°C	ASTM D648

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