

Moplen HP648H

Polypropylene Homopolymer

LyondellBasell Industries

Message:

Polypropylene Homopolymer Resin for Caps & Closures

Features:

Good cold impact extrusion

Good dimensional stability

Applications:

Corrugated board extrusion

Stationary sheets

Pail lids/crates injection

Blow molding bottles

General Information			
Features	Good dimensional stability		
	Homopolymer		
	Low temperature impact resistance		
Uses	Cover		
	Shield		
	Bottle		
	Stationery		
	Loading box		
Processing Method	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792B
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.8	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	36.0	MPa	ASTM D638
Tensile Elongation (Yield)	9.0	%	ASTM D638
Flexural Modulus	1750	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	35	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	115	°C	ASTM D648

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