

## Moplen HP740H

High Crystalline Polypropylene Homopolymer Resin for Thermoforming

### Features

- Specifically designed for Solid Phase Pressure Forming
- Very good stiffness, good top load strength
- Very good clarity
- Good processability
- Low odor and taste transfer
- Hot fillable, microwavable

### Typical applications

- Drinking cups
- Yogurt cups
- Noodle cups
- Margarine tubs
- Microwavable for reheating of foods
- Dairy cups

Resin properties (a)	Moplen HP740H	ASTM METHOD(b)
Melt flow rate (230 °C / 2.16 kg), dg/min	2.1	D1238
Density, g/cm <sup>3</sup>	0.90	D792B
Tensile strength at yield, MPa	36	D638
Elongation at yield, %	9	D638
Flexural modulus, MPa	1750	D790A
Notched izod impact strength at 23 °C, J/m	40	D256A
Deflection temperature, at 455 kPa, °C	115	D648

(a) Values shown are averages and are not to be considered as specifications.

(b) ASTM test methods are the latest under Society's current procedures. All molded specimens are prepared by injection

### Chemical Registration / Inventory Status

All ingredients in *Moplen* HP740H meet the chemical registration requirements of TSCA (U.S.) and DSL (Canada).

Note: Due to the fact that different regulations in each country set different details of compliance, users of *Moplen* HP740H are recommended to undertake their own investigation of the requirements and comply with each regulation set forth, for instance, in applicable local F&DA requirements. Ultimately the users must make their own determination that their use of *Moplen* HP740H is safe, lawful and technically suitable in their intended applications.

*Moplen* is a trademark of LyondellBasell Industries

HMC Polymers is certified according to ISO 9001 and 14001

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**The purpose of this document is only for technical support of the use of the product.**

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