

Moplen HP550R

High Flow Polypropylene Homopolymer Resin

Features

- Improved processability
- Low odor and taste transfer
- Excellent resistance to environmental stress – cracking

Typical applications

- Staple & multifilament fiber
- Thin wall injection molding
- Food containers
- Hospital and institutional wares

Resin properties (a)	Moplen HP550R	ASTM METHOD(b)
Melt flow rate (230 °C / 2.16 kg), dg/min	22	D1238
Density, g/cm ³	0.90	D792B
Tensile strength at yield, MPa	34	D638
Elongation at yield, %	10	D638
Flexural modulus, MPa	1480	D790A
Notched izod impact strength at 23 °C, J/m	22	D256A
Deflection temperature, at 455 kPa, °C	97	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* HP550R 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* HP550R 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* HP550R 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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