

## Moplen HP562T

Polypropylene Homopolymer Resin for Spunbond Fiber

### Features

- Very high melt flow with narrow MWD resin for high speed spin continuity of low denier fiber
- Very uniform melt flow rate and low gel
- Excellent processability
- Good gas fading resistance

### Typical applications

- Spunbonded nonwoven fabric using for hygiene products, medical, agriculture, geotextile, etc.

Resin properties (a)	Moplen HP562T	ASTM METHOD(b)
Melt flow rate (230 °C / 2.16 kg), dg/min	60	D1238
Density, g/cm <sup>3</sup>	0.90	D792B
Tensile strength at yield, MPa	34	D638
Elongation at yield, %	10	D638
Flexural modulus, MPa	1390	D790A
Notched izod impact strength at 23 °C, J/m	14	D256A
Deflection temperature, at 455 kPa, °C	107	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* HP562T 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* HP562T 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* HP562T is safe, lawful and technically suitable in their intended applications.

*Moplen* is a trademark of Basell

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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