



HMC Polymers

A Most Admired Company

An associate of PTTGC & LyondellBasell

Moplen HP563T

Fast crystallization polypropylene for spunbond

Features

- Fast crystallization
- Narrow MWD for high speed spinning
- Excellent processability
- Good gas fading resistance

Typical applications

- Spunbond nonwoven fabrics
- Hygiene products

PP Resin Properties (a)

	Value	ASTM METHOD(b)
Melt flow rate (230°C / 2.16 kg), dg/min	55	D1238
Density, g/cm ³	0.9	D792B
Tensile strength at yield, MPa	34	D638
Elongation at yield, %	10	D638
Flexural modulus, MPa	1450	D790A
Notched izod impact strength at 23°C, J/m	20	D256A
Deflection temperature, at 455 kPa, °C	105	D648

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

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

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- U.S. FDA Class I or II Medical Devices; Health Canada Class I, II or III Medical Devices; European Union Class I or II Medical Devices;
 - film, overwrap and/or product packaging that is considered a part or component of one of the aforementioned medical devices;
 - packaging in direct contact with a pharmaceutical active ingredient and/or dosage form that is intended for inhalation, injection, intravenous, nasal, ophthalmic (eye), digestive, or topical (skin) administration;
 - tobacco related products and applications, electronic cigarettes and similar devices.
 - safety components in automotive applications, for example: air bags, air bag unit housings and covers, seat belt mechanisms, brake systems, pedals and pedal supports, steering systems.
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- U.S. FDA Class III Medical Devices; Health Canada Class IV Medical Devices; European Class III Medical Devices;
 - applications involving permanent implantation into the body;
 - life-sustaining medical applications.

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Moplen is a trademark of LyondellBasell Industries

HMC Polymers is certified according to ISO 9001 and 14001

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