


HMC Polymers
A Most Admired Company
An associate of PTTGC & LyondellBasell

Moplen EP229R

Developmental Grade – Polyolefinic polymers for extrusion coating and lamination

Features

- Good processability
- Low neck-in
- Good melt strength
- High coating speed

Typical applications

- Extrusion coating and lamination

PP Resin Properties (a)

	Value	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	25	D638
Elongation at yield, %	12	D638
Flexural modulus, MPa	960	D790A
Notched izod impact strength at 23°C, J/m	18	D256A
Deflection temperature, at 455 kPa, °C	83	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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 - 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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 - applications involving permanent implantation into the body;
 - life-sustaining medical applications.

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HMC Polymers is certified according to ISO 9001 and 14001

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