



Moplen EP549T

High flow, high crystalline polypropylene impact copolymer resin

Features

- Superior stiffness
- Good impact resistance
- Excellent antistatic property
- Short cycle time

Typical applications

- Electrical appliances
- Containers

PP Resin Properties (a)	Value	ASTM METHOD(b)
Melt flow rate (230°C / 2.16 kg), dg/min	60	D1238
Density, g/cm ³	0.90	D792B
Tensile strength at yield, MPa	26	D638
Elongation at yield, %	3.5	D638
Flexural modulus, MPa	1500	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 the Society's current procedures. All molded specimens are prepared by injection molding.

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 - 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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