



Adstif EA6052

Developmental Grade - High stiffness impact copolymer polypropylene for thermoforming applications

Features

- Excellent cold impact resistance
- High heat resistance
- Microwavable
- Low odor and taste transfer
- Hot fillable, sealable

Typical applications

- Frozen to microwavable containers
- Extrusion blow molding containers
- Industrial sheet

PP Resin Properties (a)	Value	ASTM METHOD(b)
Melt flow rate (230°C / 2.16 kg), dg/min	1.5	D1238
Density, g/cm ³	0.90	D792B
Tensile strength at yield, MPa	33	D638
Elongation at yield, %	8	D638
Flexural modulus, MPa	1650	D790A
Notched izod impact strength at 23°C, J/m	180	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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- 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.

The product(s) may not be used in:

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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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