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Moplen HP544T

Polypropylene Resin for Thin Wall Injection



Product information

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Features

- Ease of processing allows increased design freedom
- Excellent dimensional stability
- Processes with low built-in stress
- Good surface finish and color
- Low odor

Typical applications

- Food containers
- Drinking cups
- Thin wall cylinders
- Thin, complex parts
- High speed injection moulding

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	37	D638
Elongation at yield, %	9.0	D638
Flexural modulus, MPa	1700	D790A
Notched izod impact strength at 23°C, J/m	26	D256A
Deflection temperature, at 455 kPa, °C	119	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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HMC Polymers is certified according to ISO 9001 and 14001

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