

## High Density Polyethylene HD5620EA (Injection Moulding)

Typical properties	Test method (ASTM)	Unit	Value
MFI@190°C, 2.16 kg	D1238	gr/10min	20
Density	D1505	gr/cm <sup>3</sup>	0.956
Vicat softening point	D1525	°C	124
Tensile Strength@Yield	D638	Mpa	22
Tensile Modulus	D638	Mpa	900
Elongation@Break	D638	%	700
Flexural Modulus	D790	Mpa	1000
Hardness Shore D	D2240	-	66
Charpy Impact Resistance (Notch)	D256	Kj/m <sup>2</sup>	4

<sup>3/4</sup> Values shown are averages & are not to be considered as product specifications.

### Main application & Characteristics

**HD5620EA** is a high density polyethylene copolymer grade with a narrow molecular weight distribution, suitable for thin wall injection moulding applications.

#### Š Characteristics

- High flow.
- High warpage resistance.
- Suitable for fast cycling applications.

#### Š Typical applications are:

- House wares.
- Caps & closures.
- Thin walled containers.

- PET bottle bases.

\* HD5218EA is suitable for food contact.

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