



## 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

> 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.

#### ♦ Characteristics:

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

#### ♦ Typical applications are:

- House wares.
- Caps & closures.
- Thin walled containers.
- PET bottle bases.

\* HD5620EA is suitable for food contact.