

## High Density Polyethylene HD5211EA (Injection Moulding)

Typical properties	Test method (ASTM)	Unit	Value
MFI@190°C, 2.16 kg	D1238	gr/10min	11
Density	D1505	gr/cm <sup>3</sup>	0.962
Tensile Strength@Yield	D638	Mpa	27
Tensile Modulus	D638	Mpa	-
Elongation@Break	D638	%	1000
Flexural Modulus	D790	Mpa	1000
Hardness Shore D	D2240	-	66
Charpy Impact Resistance (Notch)	D256	Kj/m <sup>2</sup>	6

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

### Main application & Characteristics

**HD5211EA** is a high density polyethylene copolymer grade with a narrow molecular weight distribution, suitable for a wide range of injection moulding applications.

#### Š Characteristics

- Good flow.
- Good impact strength.

#### Š Typical applications are:

- House wares.
- Caps & closures.
- Toys.
- Pails.
- Cartridges.

\* HD5211EA is not suitable for organoleptic applications.

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