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## High Density Polyethylene HD6070EA (Injection Moulding)

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Typical properties	Test method (ASTM)	Unit	Value
MFI@190°C, 2.16 kg	D1238	gr/10min	7
Density	D1505	gr/cm <sup>3</sup>	0.960
Tensile Strength @Yield	D638	Mpa	32
Tensile Modulus	D638	Mpa	-
Elongation @Break	D638	%	1000
Flexural Modulus	D790	Mpa	1250
Hardness	D2240	Shore D	68
Charpy Impact Resistance (Notched)	D256	Kj/m <sup>2</sup>	6

> Values shown are averages & are not to be considered as product specifications.

### ❖ Main application & Characteristics:

HD6070EA is a high density polyethylene grade with a narrow molecular weight distribution, suitable for a wide range of injection moulding applications.

#### ◆ Characteristics:

- Easy processing.
- High rigidity.
- Good impact strength
- High warpage resistance.

#### ◆ Typical applications:

- Caps & closures.
- Crates.
- Boxes.
- Seats.
- Pallets.
- Structural foam.
- Silicon cartridges.

\* HD6070EA is not suitable for organoleptic applications.