

## High Density Polyethylene

### HD6070EA (Injection Moulding)

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 Shore D	D2240	-	68
Charpy Impact Resistance (Notch)	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 are:

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

\* HD6070EA is not suitable for organoleptic applications.