



ISO 9001:2000  
Certificate No.: CH98/8032

ISO 14001:2004  
Certificate No.: CH03/0112

OHSAS 18001:1999  
Certificate No.: CH05/0675

## High Density Polyethylene

### HD5226EA

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Typical properties	Test method (ASTM)	Unit	Value
MFI@190°C, 2.16 kg	D1238	gr/10min	26
Density	D2839	gr/ml	0.953
Tensile Strength @Yield	D638	Mpa	26
Elongation @Break	D638	%	200
Flexural Modulus	D790	Mpa	1100
Hardness	D2240	Shore D	67
Charpy Impact Resistance(Notched)	D256	KJ/m <sup>2</sup>	4

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

#### ❖ Main application & Characteristics:

HD5226EA is a high density polyethylene copolymer grade with narrow molecular weight distribution, suitable for thin wall injection moulding applications.

#### ◆ Characteristics:

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

#### ◆ Typical applications:

- House wares.
- Caps and closures (not suitable for organoleptic applications).
- Thin walled containers.
- PET bottle bases.
- Food packaging.

\* HD5226EA is suitable for food contact.