



ISO 9001:2008
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 ²	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.