



# High Density Polyethylene

## HD5218EA

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ISO 9001:2008  
Certificate No.: CH98/8032

ISO 14001:2004  
Certificate No.: CH03/0112

OHSAS 18001:1999  
Certificate No.: CH05/0675

Typical properties	Test method (ASTM)	Unit	Value
MFI@190°C, 2.16 kg	D1238	gr/10min	18
Density	D1505	gr/cm <sup>3</sup>	0.952
Tensile Strength @Yield	D638	Mpa	26
Tensile Modulus	D638	Mpa	-
Elongation @Break	D638	%	1000
Flexural Modulus	D790	Mpa	1000
Hardness	D2240	Shore D	66
Charpy Impact Resistance (Notched)	D256	Kj/m <sup>2</sup>	5

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

### ❖ Main application & Characteristics:

HD5218EA is a high density polyethylene copolymer grade with a 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 & closures.
- Thin walled containers.
- PET bottle bases.

\* HD5218EA is suitable for food contact.