



ISO 9001:2000
Certificate No.: CH98/8032

ISO 14001:2004
Certificate No.: CH03/0112

OHSAS 18001:1999
Certificate No.: CH05/0675

High Density Polyethylene

HD5218EA

بازرگانی کوثر
Kosar Trading
+9821 - 43462000
info@kosar.co
www.kosar.co

Typical properties	Test method (ASTM)	Unit	Value
MFI@190°C, 2.16 kg	D1238	gr/10min	18
Density	D1505	gr/cm ³	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 ²	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.