

## LLDPE HD 5218 EA

### Linear Low D

#### Product Description

“HD 5218 EA” is an easy flow high density polyethylene copolymer grade with a narrow molecular weight distribution, suitable for thin wall injection moulding applications.

HD5218EA has the following characteristics: Good flow.

High warpage resistance.

Suitable for fast cycling applications.

Additive: Neutralizer; Calcium Stearate - Antioxidant: Irgafos168,DSTDP

#### Applications

- Housewares.
- Thin walled food containers.
- PET bottle base cup.

#### Producer

Amir Kabir Petrochemical Company

No	Property	Value	Units	Test Method
1	Melt flow rate (MFR)(190°C/2.16Kg)	18	g/10 min	ISO 1133
2	Density	952	g/cm <sup>3</sup>	ISO 1183
3	Tensile strength at Yield	27	MPa	ISO 527
4	Elongation at break	>1000	%	ISO 527
5	Flexural Modulus	1050	MPa	ISO 178 -1975
6	Charpy Impact Resistance	5	Kj/m <sup>2</sup>	ISO 179
7	Vicat Softening T	123	C	ISO 306