

# LLDPE HD 5218 EA

## Linear Low Density Polyethylene

LLDPE

### 1 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

### 2 Applications:

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



No.	Property	Value	Unit	Test Method
1	Melt Flow Rate ( 2.16kg)	18	g/10min	ISO 1133
2	Density	952	Kg/m <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