



ISO 9001:2008
Certificate No.: CH98/8032

ISO 14001:2004
Certificate No.: CH03/0112

OHSAS 18001:1999
Certificate No.: CH05/0675

High Density Polyethylene

HD5813EA

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| Typical properties | Test method (ASTM) | Unit | Value |
|------------------------------------|--------------------|--------------------|-------|
| MFI@190°C, 2.16 kg | D1238 | gr/10min | 13 |
| Density | D1505 | gr/cm ³ | 0.956 |
| Tensile Strength @Yield | D638 | Mpa | 28 |
| Tensile Modulus | D638 | Mpa | 1100 |
| Elongation @Break | D638 | % | 800 |
| Flexural Modulus | D790 | Mpa | - |
| 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:

HD5813EA is an easy flow high density polyethylene copolymer grade with a narrow molecular weight distribution, for injection moulding applications.

◆ Characteristics:

- High flow.
- High rigidity.
- High warpage resistance.

◆ Typical applications:

- House wares.
- Aerosol caps, closures.

* HD5813EA is suitable for food contact.