

High Density Polyethylene HD5218EA (Injection Moulding)

| 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 Shore D | D2240 | - | 66 |
| Charpy Impact Resistance (Notch) | D256 | Kj/m ² | 5 |

^{3/4} 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.

Š Characteristics

- High flow.
- High warpage resistance.
- Suitable for fast cycling applications.

Š Typical applications are:

- House wares.
- Caps & closures.
- Thin walled containers.
- PET bottle bases.

* HD5218EA is suitable for food contact.

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