



Polyethylene HD-5620EA (Injection Moulding)

| Typical Properties | Test Method (ASTM) | Unit | Value |
|----------------------------------|--------------------|--------------------|-------|
| MFI @ 190 °C , 2.16 Kg | D-1238 | gr/10min | 20 |
| Density | D-1505 | gr/cm ³ | 0.956 |
| Vicat softening point | D-1525 | °C | 124 |
| Tensile Strength @ Yield | D-638 | Mpa | 22 |
| Tensile Modulus | D-638 | Mpa | 900 |
| Elongation @ Break | D-638 | % | 700 |
| Flexural Modulus | D-790 | Mpa | 1000 |
| Hardness Shore D | D-2240 | - | 66 |
| Charpy Impact Resistance (Notch) | D-256 | Kj/m ² | 4 |

Main Applications:

HD-5620EA is a high density polyethylene copolymer grade with a narrow molecular weight distribution, suitable for thin wall injection moulding applications.

Typical characteristics are:

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

HD-5620EA is also used for the production of the following items:

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

* HD-5620EA is suitable for food contact