

High Density Polyethylene

HD5620EA (Injection Moulding)

| Typical properties | Test method (ASTM) | Unit | Value |
|----------------------------------|-----------------------|--------------------|-------|
| MFI@190°C, 2.16 kg | D1238 | gr/10min | 20 |
| Density | D1505 | gr/cm ³ | 0.956 |
| Vicat softening point | D1525 | °C | 124 |
| Tensile Strength @ Yield | D638 | Mpa | 22 |
| Tensile Modulus | D638 | Mpa | 900 |
| Elongation @ Break | D638 | % | 700 |
| Flexural Modulus | D790 | Mpa | 1000 |
| Hardness Shore D | D2240 | - | 66 |
| Charpy Impact Resistance (Notch) | D256 | Kj/m ² | 4 |

➤ Values shown are averages & are not to be considered as product specifications.

❖ Main application & Characteristics:

HD5620EA is a high density polyethylene copolymer grade with a narrow molecular weight distribution, suitable for thin wall injection moulding applications.

◆ Characteristics:

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

◆ Typical applications are:

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

* HD5620EA is suitable for food contact.