



## Technical Datasheet: 5620EA

### Product Description:

HD5620EA is a high density polyethylene grade with a narrow molecular weight distribution, suitable for thin wall injection moulding applications. This grade has following characteristics:

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

### Applications:

- ASTM D 638-72 House ware
- Toys
- Thin walled containers etc.

### Typical data:

Property	Test method	Unit	value
MFI (190°C/2.16kg)	ASTM D 1238-7condition E	gr/10 min	20
Density	ASTM D 2839 - 69	g/cm <sup>3</sup>	0.956
Tensile strength @yield	ASTM D 638 - 72	MPa	22
Elongation @Break	ISO R527-Type2speed D	%	900
Flexural modulus	ASTM D 790 - 71	Mpa	1000
Charpy impactstrength (Notched)	ASTM D 256 -73B	KJ/m <sup>2</sup>	10
Hardness	ASTM D 2240 - 75	Shore D	66