

## Technical Datasheet 5620EA

### 1) 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

### 2) Applications:

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

### 3) Typical data:

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE*
MFI (190°C/2.16 kg)	ASTM D 1238-7 condition 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-Type 2speed D	%	900
Flexural modulus	ASTM D 790 - 71	Mpa	1000
Charpy impact strength (Notched)	ASTM D 256 – 73B	KJ/m <sup>2</sup>	10
Hardness	ASTM D 2240 - 75	Shore D	66

\* Typical values not to be construed as specifications.