

High Density Polyethylene

HD5620 (Injection Moulding)

properties	Value	Unit	Test method (ASTM)
MFI@190°C, 2.16 kg	20	gr/10min	D1238
Density	0.956	gr/cm3	D1505
Vicat softening point	124	°C	D1525
Tensile Strength @ Yield	22	Mpa	D638
Tensile Modulus	900	Mpa	D638
Elongation @ Break	700	%	D638
Flexural Modulus	1000	Mpa	D790
Hardness Shore D	66	-	D2240
Charpy Impact	4	Kj/m2	D256
Resistance (Notch)			

*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

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

* HD5620EA is suitable for food contact.