

## HD6070EA

### 1) Product Description:

HD6070EA is a high density polyethylene with a narrow molecular weight distribution. It is suitable for a wide range of injection moulding applications. This grade has following characteristics: -Easy processing -High rigidity -Good impact strength -High warpage resistance

### 2) Applications:

- Crates
- Boxes
- seats

### 3) Typical data

Property	Unit	Value	Test Method
Melting point	°C	132	ASTM D 2117
MFI (190 °C /2.16 kg)	gr/10 min	7.2	ASTM D 1238
Density	gr/cm <sup>3</sup>	0.960	ASTM D 792
Vicat softening point	°C	Min. 120	ASTM D 1525
Tensile strength @ yeild	MPa	Min. 26	ASTM D 638
Elongation @ break	%	Min. 900	ASTM D 638
Charpy impact strength	Kj/m <sup>2</sup>	Min. 5	ASTM D 256
Flexural modulus	MPa	1300	ASTM D 790
Hardness	Shore D	68	ASTM D 2240
Thermal conductivity	W/m <sup>2</sup>	0.48	ASTM C 177
C.O.L.E	°C	2x10 <sup>-4</sup>	ASTM D 696-91

Typical Values: not to be construed as specifications