

**HD – I1**  
**License Grade Code HA 7260**

**1) Product Description:**

“I1 (HA 7260)” is a high density polyethylene with Propylene as comonomer. It is very easy flowing, high density, hardness and stiffness, largely warpage free, for mass product articles in rapid shot frequency.

Stabilization: Ca-Stearate, MgO, Irganox1010, UMV13

**2) Applications:**

- Lightweight household.
- Disposable articles.
- Large moulding and complicated parts where high impact strength and stress

Cracking resistance (ESCR) are not demanded.

**3) Typical Data**

Property	Unit	Typical Value	Test Method
<b>Physical</b>			
Melt Flow Rate(MFR) (190 °C/2.16Kg) (190 °C/5Kg) (190 °C/21.6Kg)	g/10min	17.52 --	ISO 1133
Density	g/cm <sup>3</sup>	0.957	ISO 1183
<b>Mechanical</b>			
Tensile Strength @ yield	MPa		ISO 527
Tensile Strength @ break	MPa		ISO 527
Elongation @ break	%		ISO 527
Hardness Shore D	---		ISO 868
ESCR			
Charpy Notch Impact Strength	Kj/m <sup>2</sup>	2	ISO 179
<b>Thermal</b>			
Vicat Softening Temperature	°C		ISO 306
Melting Point	°C		ISO 3146

**4) Processing Condition:**

Recommended injection moulding temperature: 200-280 °C