

# INJECTION MOULDING

## HD 6070 UA

HD 6070 UA is a high density polyethylene grade with a narrow molecular weight distribution, suitable for a wide range of injection moulding applications.

**Food Approved**

HD 6070 UA has the following characteristics :

1. *easy processing*
2. *high rigidity*
3. *good impact strength*
4. *high warpage resistance*

Applications :

1. *crates*
2. *boxes*
3. *seats*
4. *pallets*

### TYPICAL PROPERTIES

Property	Value	Unit	Method of test
<b>Melt flow rate(2.16Kg)</b>	7.5	g/10 min	ISO 1133
<b>Density</b>	960	Kg/m <sup>3</sup>	ISO 1872/1
<b>Tensile strength at yield</b>	31	MPa	BP 13B/ 1
<b>Elongation at break</b>	>1000	%	BP 13B/ 1
<b>Flexural modulus</b>	1400	MPa	ISO 178-1975
<b>BSCR, 50,23CO</b>	55	Hours	ASTM D 1693
<b>Charpy impact resistance</b>	6	KJ/M <sup>2</sup>	ISO 179

**AA:** Stabilisation – **KJ:** High Slip Antiblock – **AF:** Processing Aid – **LJ:** Medium Slip, High Antiblock – **FB:** Low Gel Film – **EA:** Standard unmodified except for antioxidant – **GA:** Gas Phase Process – **UA:** UV Stabilisation