

INJECTION MOULDING

HD 6070 UA

Food Approved

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

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