

HDPE 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.

HD 6070 UA has the following characteristics:

- Easy processing.
- Good impact strength.
- High rigidity.
- High warpage resistance.

Applications

- Crates.
- Boxes.
- Seats.
- Pallets.



Typical Properties

Property/Grade	Test Method	Unit of measurement	Value
Melt flow rate (2.16 kg)	ISO 1133	g/10 min	7.5
Density	ISO 1872/1	Kg/m ³	960
Vicat Softening T°	ISO R 306-74	C°	127
Tensile strength at yield	BP 13B/1	MPa	31
Elongation at break	BP 13B/1	%	> 1000
Flexural modulus	ISO 178	MPa	1400
• ESCR, F50, 23 C°	ASTMD 1693	hours	55
Charpy impact resistance	ASTMD 256	KJ/M ²	6

• ESCR: environmental stress cracking resistance.

* UA: UV stabilization.