

## 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 <sup>3</sup>	960
Vicat Softening T <sup>°</sup>	ISO R 306-74	C <sup>°</sup>	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 <sup>°</sup>	ASTMD 1693	hours	55
Charpy impact resistance	ASTMD 256	KJ/M <sup>2</sup>	6

• ESCR: environmental stress cracking resistance.

\* UA: UV stabilization.