

EGYPTENE HD 6070 UA

HDPE Injection Moulding

Food Contact Approved

Technical Data Sheet According to Producer

EGYPTENE HDPE HD 6070 UA (Innovene/BP Chemicals licence) is a high density PE grade with a narrow MWD molecular weight distribution, suitable for a wide range of injection moulding applications.

- Characteristics:
- Easy processing
 - High rigidity
 - Good impact strength
 - High warpage resistance

Application: Crates, boxes, seats, pallets

TYPICAL PROPERTIES	TEST METHOD	UNIT	HD 6070 UA
Melt Flow Rate (@2.16kg)	ISO 1133	g/10min	7.5
Density	ISO 1872/1	kg/m ³	960
Tensile Strength at Yield	BP 13B/1	MPa	31
Elongation at Break	BP 13B/1	%	>1000
Flexural Modulus	ISO 178-1975	MPa	1400
Charpy Impact Resistance	ISO 179	kJ/m ²	6
ESCR, F50	ASTM D1693	hr	55

'UA' = with UV stabilizer. Antioxidant additive is common for all grades.

Packing: 25 kg +/-1% PE-bags stretch-wrapped on new pallets of 1500 kg net
 24 mt net delivery = 16 pallets (40 ft container) or truck load (road limit)

Origin: Egypt, EUR.1 duty free into EC, USA, Mexico

Specification is based on producer's average experienced values according to his best knowledge but without any liability or guarantee on product nor on results, also due to unknown circumstances of processing at transforming.