

HD6070EA

High Density Polyethylene (HDPE)

Product Description

HD6070EA is a high density polyethylene with a narrow molecular weight distribution. It is suitable for a wide range of injection moulding applications. This grade has following characteristics:

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

Applications

- Crates
- Boxes
- Seats

PROPERTY	UNIT	TYPICAL VALUE	TEST METHOD
MELTING POINT	°C	132	ASTM D 2117
MFI (190 °C /2.16 KG)	gr/10 min	7.2	ASTM D 1238
DENSITY	gr/cm ³	0.960	ASTM D 792
VICAT SOFTENING POINT	°C	Min. 120	ASTM D 1525
TENSILE STRENGTH @ YEILD	MPa	Min. 26	ASTM D 638
ELONGATION @ BREAK	%	Min. 900	ASTM D 638
CHARPY IMPACT STRENGTH	Kj/m ²	Min. 5	ASTM D 256
FLEXURAL MODULUS	MPa	1300	ASTM D 790
HARDNESS	Shore D	68	ASTM D 2240
THERMAL CONDUCTIVITY	W/m ²	0.48	ASTM C 177
C.O.L.E	°C	2X10 ⁻⁴	ASTM D 696-91

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