

HD 2200J

High Density Polyethylene (HDPE)

Product Description

HD 2200J is high density polyethylene homopolymer with a narrow molecular weight distribution, specially developed for injection moulding of heavy duty parts. Articles produced from this grade exhibit good impact strength and high stiffness

Applications

- Technical and industrial parts
- Shipping container
- Fish crates
- Storing cases

PROPERTY	UNIT	TYPICAL VALUE	TEST METHOD
MFI(190°C/ 2.16KG)	gr/10Min	5.2	ASTM D 1238
DENSITY	gr/cm ³	0.964	ASTM D 1505
FLEXURAL MODULUS	MPa	1200	ISO 178
TENSILE STRENGTH AT YIELD	Kg/cm ²	170	ASTM D 638
ELONGATION AT BREAK	%	>300	ASTM D 638
IZOD IMPACT STRENGTH(23°C)	kg.cm/cm	5	ASTM D 256
HARDNESS SHORE D	-	66	ASTM D 2240
ESCR	hr	4	ASTM D1693
VICAT SOFTENING TEMPERATURE	°C	124	ASTM D 1525
MELTING POINT	°C	135	ASTM D2117

Processing Conditions

Recommended melt temperature: 200 – 230 °C

Packing, Delivery and Storage

The product is supplied in palletized 25-kg bags.

HD 2200J should be stored dry and away from sources of heat and light. Please consult the safety data sheet for information about the safety precautions necessary for transport, storage and processing.

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