



HD 2200J
High Density Polyethylene

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

Typical Data¹

Property	Test Method	Unit	Typical Value
MFI(190°C/ 2.16Kg)	ASTM D 1238	gr/10Min	5.2
Density	ASTM D 1505	gr/cm ³	0.964
Flexural Modulus	ISO 178	MPa	1200
Tensile Strength at yield	ASTM D 638	Kg/cm ²	170
Elongation at Break	ASTM D 638	%	>300
Izod Impact Strength(23°C)	ASTM D 256	kg.cm/cm	5
Hardness Shore D	ASTM D 2240	-	66
ESCR	ASTM D1693	hr	4
Vicat Softening Temperature	ASTM D 1525	°C	124
Melting Point	ASTM D2117	°C	135

Processing Conditions:

Recommended melt temperature: 200 – 230 °C

Packaging, 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.