

## Technical Datasheet HD 2200J

### 1) 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 data:

Property	Test method	Unit	value
MFI(190°C/ 2.16Kg)	ASTM D 1238	gr/10Min	5.2
Density	ASTM D 1505	gr/cm <sup>3</sup>	0.964
Flexural Modulus	ISO 178	MPa	1200
Tensile Strength at yield	ASTM D 638	Kg/cm <sup>2</sup>	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 D 1693	hr	4
Vicat Softening Temperature	ASTM D 1525	°C	124
Melting Point	ASTM D 2117	°C	135

\* Typical values not to be construed as specifications.