

J2200

High-density polyethylene (HDPE)



Description

J2200 is a high-density polyethylene resin produced by Slurry Process, designed for injection molding. This product has high stiffness, good fluidity and high chemical resistance.

Characteristics

- High Stiffness
- Good Fluidity
- High Chemical Resistance

Applications

- General Containers, Crate, Housewares, etc.

Properties

	Properties	Test Method		Values	Nominal
Physical	Melt Flow Index (190°C, 2.16kg)	ASTM	D1238	5.0	g/10min
	Density	ASTM	D1505	0.965	g/cm ³
Mechanical	Tensile Stress (Yield)	ASTM	D638	260	kgf/cm ²
	Tensile Strain (Break)	ASTM	D638	> 500	%
	Flexural Modulus	ASTM	D790	13,500	kgf/cm ²
	Notched IZOD Impact Strength (23°C)	ASTM	D256	8	kgf-cm/cm
	ESCR	ASTM	D1693	4	F50hr

• NOTE : these are not to be construed as specifications

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