Manufacturer website: https://www.lottechem.com/en/business/basic_materials.do

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℃, 2.16㎏)	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℃)	ASTM	D256	8	kgf·cm/cm
	ESCR	ASTM	D1693	4	F50hr

• NOTE : these are not to be construed as specifications

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