

## HIVOREX J2200

## High Density Polyethylene

### General Information

#### Description

- ◆ J2200 is a HDPE resin produced via Slurry process technology and suitable for injection molding.
- ◆ High Stiffness, Fluidity, Good resistance at chemical

#### Applications

- ◆Crate, Housewares, Bottle Cap

### Physical Properties<sup>1</sup>

Physical	Test Method	Nominal Values			
Melt Flow Index	ASTM D1238	5.0	g/10min		
Density	ASTM D1505	0.965	g/cm <sup>3</sup>		
<b>Mechanical</b>					
Tensile Stress (Yield)	ASTM D638	260	kgf/cm <sup>2</sup>	25.5	MPa
Tensile Strain (Break)	ASTM D638	>500	%	>500	%
Flexural Modulus	ASTM D790	14,000	kgf/cm <sup>2</sup>	1,373	MPa
<b>Impact</b>					
Notched Izod Impact Strength (23°C)	ASTM D256	10	kgf·cm/cm	98	J/m
<b>Thermal</b>					
VICAT Softening Point	ASTM D1525	124	°C		
<b>Additional Properties</b>					
ESCR	ASTM D1693	5	F50 Hours		

#### NOTE

ISO 9001, 14001, /TS 16949

<sup>1</sup> Physical Properties : these are not to be construed as specifications