

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 Properties¹

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

NOTE

ISO 9001, 14001, /TS 16949

¹ Physical Properties : these are not to be construed as specifications