



J2200

HIGH DENSITY POLYETHYLE

General Information

Description

- ◆ J2200 is produced by slurry process technology and suitable for injection molding.
- ◆ High Stiffness, Fluidity, Good resistance at chemical

Applications

- ◆ Crate, Housewares, Bottle Cap

Physical Properties¹

Properties	Test Method	Nominal Value			
Melt Flow Index	ASTM D 1238	5.0	g/10min		
Density	ASTM D 1505	0.965	g/cm ³		
Tensile Strain (Yield)	ASTM D 638	260	kgf/cm ²	25.5	MPa
Tensile Strain (Break)	ASTM D 638	>500	%	>500	%
Flexural Modulus	ASTM D 790	14,000	kgf/cm ²	1,373	MPa
IZOD Impact Strength, at 23 °C	ASTM D 256	10	kgf·cm/cm	98	J/m
VICAT Softening Point	ASTM D 1525	124	°C		
ESCR	ASTM D 1693	5	F50 Hours		

NOTE

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