

# HIVOREX J2200

High Density Polyethylene  
Lotte Chemical Corporation

Message:  
High Stiffness, Good resistance at chemical

General Information			
Features	Good Chemical Resistance		
	High Stiffness		
Uses	Caps		
	Crates		
	Household Goods		
Physical	Nominal Value	Unit	Test Method
Density	0.964	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (F50)	5.00	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	28.4	MPa	ASTM D638
Tensile Elongation (Break)	> 500	%	ASTM D638
Flexural Modulus	1230	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	98	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	126	°C	ASTM D1525

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