

HIVOREX 6200B

High Density Polyethylene

Lotte Chemical Corporation

Message:

HIVOREX 6200B is produced by slurry process technology.

This resin is ideally suited for use in blow molding application.

HIVOREX 6200B is designed to offer high speed processability, good ESCR .

General Information			
Features	Fast Molding Cycle		
	High ESCR (Stress Crack Resist.)		
Uses	Blow Molding Applications		
	Bottles		
RoHS Compliance	RoHS Compliant		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.958	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.35	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance	55.0	hr	ASTM D1693
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	27.5	MPa	ASTM D638
Tensile Elongation (Break)	> 500	%	ASTM D638
Flexural Modulus	1320	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	120	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -80.0	°C	ASTM D746
Vicat Softening Temperature	123	°C	ASTM D1525

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Recommended distributors for this material

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