

HIVOREX 6200B

High Density Polyethylene

Lotte Chemical Corporation

Technical Data

Product Description

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

Material Status	• Commercial: Active		
Literature ¹	• Technical Datasheet (English)		
Search for UL Yellow Card	• Lotte Chemical Corporation		
Availability	• Asia Pacific • Asia Pacific	• Europe • Europe	• North America • North America
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/cm³	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

Notes

¹ These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

² Typical properties: these are not to be construed as specifications.