LOTTE CHEMICAL

January, 2013

HIVOREX 6200B

High Density Polyethylene

General Information

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 .

Applications

- **Bottle(small) and household product.(shampoo, bleach, makeup)**

Physical Properties[1]

Physical	Test Method	Nominal Values			
Melt Flow Index	ASTM D1238	0.35	g/10min		
Density	ASTM D1505	0.958	g/cm^3		
Mechanical					
Tensile Stress (Yield)	ASTM D638	280	kgf/cm^2	27.5	MPa
Tensile Strain (Break)	ASTM D638	>500	%	>500	%
Flexural Modulus	ASTM D790	13,500	kgf/cm^2	1,324	MPa
Impact					
Notched Izod Impact Strength (23℃)	ASTM D256	12	kgf·cm/cm	1.2	J/m
Thermal					
VICAT Softening Point	ASTM D1525	123	℃		
Brittle Temperature	ASTM D746	<-80	℃		
Additional Properties					
ESCR	ASTM D785	55	R		

NOTE

ISO 9001, 14001, /TS 16949

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