

Producer: LOTTE CHEMICAL / KOREA

HDPE HIVOREX BL6200

Description

HIVOREX BL6200 is produced by slurry process technology.
This resin is ideally suited for use in blow molding application.
HIVOREX BL6200 is designed to offer high speed processability, good ESCR .

Applications

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

PROPERTY	TEST	VALUE			
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 °C)	ASTM D256	12	kgf·cm/cm	117.6	J/m
Thermal					
VICAT Softening Point	ASTM D1525	123	°C		
Brittle Temperature	ASTM D746	<-80	°C		
Additional Properties					
Rockwell Hardness	ASTM D785	55	R		
ESCR	ASTM D1693	400	F50 Hours		