

BL6200

HIGH DENSITY POLYETHYLE

General Information

Description

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

Applications

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

Physical Properties¹

Properties	Test Method	Nominal Value			
Melt Flow Index	ASTM D 1238	0.35	g/10min		
Density	ASTM D 1505	0.958	g/cm ³		
Tensile Strain (Yield)	ASTM D 638	280	kgf/cm ²	27.5	MPa
Tensile Strain (Break)	ASTM D 638	>500	%	>500	%
Flexural Modulus	ASTM D 790	13,500	kgf/cm ²	1,324	MPa
IZOD Impact Strength, at 23 °C	ASTM D 256	12	kgf·cm/cm	117.6	J/m
VICAT Softening Point	ASTM D 1525	123	°C		
Brittle Temperature	ASTM D 746	<-80	°C		
Rockwell Hardness	ASTM D 785	55	R		
ESCR	ASTM D 1693	400	F50 Hours		

NOTE

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