

BL6200

High Density Polyethylene

Description

BL6200- is a HDPE resin produced via Slurry process technology and suitable for use in blow moulding application. BL6200 is designed to offer high speed processability, good ESCR.

Application

Bottle (small) and household product (shampoo, bleach, Cosmetics).

Properties			
Physical	Testing methods	Nominal values	
Density	ASTM D 1505	g/cm ³	0.956-0.961
Melt Flow Rate	ASTM D 1238	g/10min	0.32-0.44
Mechanical			
Tensile Strength at Yield (min.)	ASTM D 638	kg/cm ²	240
Elongation at Break (min.)	ASTM D 638	%	500
Flexural Modulus (min.)	ASTM D790	kg/cm ²	11,000
Impact			
Izod Impact Strength (23 ⁰ C) (min.)	ASTM D256	kg cm/cm	10
Thermal			
Vicat Softening Point (min.)	ASTM D1525	°C	123
Additional properties			
Rockwell Hardness (min.)	ASTM D785	R	55
Environmental Stress Cracking Resistance (F50) (min.)	ASTM D1693	hr	100