

## 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 <sup>3</sup>	0,956-0,961
Melt Flow Rate	ASTM D 1238	g/10min	0,32-0,47
Mechanical			
Tensile Strength at Yield (min.)	ASTM D 638	kg/cm <sup>2</sup>	240
Tensile Strength at Break (min.)	ASTM D 638	kg/cm <sup>2</sup>	NB
Elongation at Break (min.)	ASTM D 638	%	500
Flexural Modulus (min.)	ASTM D 790	kg/cm <sup>2</sup>	11000
Impact			
Izod Impact Strength (23 <sup>0</sup> C) (min.)	ASTM D 256	kg cm/cm	11
Thermal			
Vicat Softening Point (min.)	ASTM D 1525	<sup>0</sup> C	123
Additional properties			
Rockwell Hardness (min.)	ASTM D785	R	52
Environmental Stress Cracking Resistance (F50) (min.)	ASTM D1693	hr	>200

**Note: Above data is based on information provided by Licensor and it is not to be construed as specification.**