

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	0,32-0,47
Mechanical			
Tensile Strength at Yield (min.)	ASTM D 638	kg/cm ²	240
Tensile Strength at Break (min.)	ASTM D 638	kg/cm ²	NB
Elongation at Break (min.)	ASTM D 638	%	500
Flexural Modulus (min.)	ASTM D 790	kg/cm ²	11000
Impact			
Izod Impact Strength (23 ⁰ C) (min.)	ASTM D 256	kg cm/cm	11
Thermal			
Vicat Softening Point (min.)	ASTM D 1525	⁰ 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.