



## 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.**