

### Technical Datasheet

- **Grade Name:** HDPE 6200B
- **Categories:** Polymer, Thermoplastic, Polyethylene, High Density Polyethylene
- **Processing Methods:** Blow Molding
- **Applications:** Food and milk bottles, Bottles of bleach and detergents, Water packaging containers, Refrigerator bottles, etc
- **Features:** Excellent resistance to environmental stress cracking (ESCR), High speed process capability, Excellent rigidity.

Physical Properties			
Properties	Value	Unit	Test Method
MFI( 190°C/2.16 Kg)	0.4	g/10min	ISO 1133
Density	0.955	g/cm <sup>3</sup>	ISO 1183
Mechanical Properties			
Properties	Value	Unit	Test Method
Flexural Modulus	1350	MPa	ASTM D 790
Tensile Strength at Yield	27	MPa	ASTM D 638
Elongation at Break	730	%	ASTM D 638
Vicat Softening Point	125	°C	ASTM D 1525
ESCR F <sub>50</sub> (100% Igepal, Method B)	50	hr	ASTM D1693

Typical Properties: These values are not to be considered as product specifications.

