Product Data Sheet: BG-HD-6200B

High Density Polyethylene	Blow Molding	
HDPE: BG-HD-6200B	Density: 0.954-0.958	MFI: 0.29-0.43

Feature:
- High speed process ability
- Excellent environmental stress cracking resistance (ESCR)
- Co-monomer: Butene-1

Application:
- Automobile parts
- Food and milk bottles
- Bleach & detergent bottels
- Water packing containers
- Fridge bottles & etc.

Additive:
--

* **Material properties** (this data are typical values and shall not be construed as product specifications.)

Resin Properties	Unit	Condition	Typical Value	Test Method
Melt Flow Rate (MFR)	g/10 min	190°C/2.16 kg	0.29-0.43	ASTM D1238
Density	g/cm³	23°C	0.954-0.958	ASTM D792
Physical Properties	**unit**	**Condition**	**Typical value**	**Test method**
Melting Point (Powder)	g/10 min	-	132±2	ASTM D1238
Vicat Softening Temperature	°C	-	≥123	ASTM D1525
Tensile Strength @Yield	Mpa	-	≥26	ASTM D638
Tensile Strength @Break	Mpa	-	≥17	ASTM D638
Charpy Impact Strenghth	KJ/m2	(230° & 50% humidity)	≥8.6	ISO 179-1
Elongation @ Break	%	-	≥500	ASTM D638
Stress Cracking Resistance	Hr.	(50±0.50C/IGEPAL CA630 solution 10%)	≥400	ASTM D1693
Contamination	%	-	<20	BASELL MTM-17064 E

* Guaranteed items: MFR, Density & F/E Ratio.
* F/E Ratio of MIF (190°C/21.6 kg)/ MIE (190°C/2.16 kg)
* The information contained herein may include typical properties of our products or their typical performances when used in certain typical applications. Actual properties of our products, in particular when used in conjunction with any third party material(s) or for any non-typical applications, may differ from typical properties.
* It is the customers responsibility to inspect and test our product(s) in order to satisfy itself as to the suitability of the product(s) for its and its customers particular purposes. The customer is responsible for the appropriate, safe & legal use, processing and handling of all product(s) purchased from us.
* Nothing herein is intended to be nor shall it constitute a warranty whatsoever, in particularly, warranty of merchantability or fitness for a particular purpose.

Return