Product Data Sheet: BG-HD-62N07 UV

High Density Polyethylene	Injection Molding	
HDPE: BG-HD-62N07	Density: 0.960 -0.964	MFI: 6-8

Feature:
- Good Impact strength
- Easy Processing
- High Rigidity
- High Stiffness Films

Application:
- Crates
- Pallets
- Boxes

Additive:
- Neutralizer: Calcium Stearate
- Antioxidants: Irganox1010,Irgafos 168
- UV Stabilizer

* **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	6-8	ASTM D1238
Density	g/cm³	23°C	0.960-0.964	ASTM D1505
Physical Properties	**unit**	**Condition**	**Typical value**	**Test method**
F/E (MFI(5kg)/MFI(2.16 kg))	-	Procedure D. Inc.	27±3	ASTM D1238
Vicat	°C	23±2 °C	133	ASTM D1525
Tensile Stress @Yield (TD)	Mpa	23±2 °C	30	ASTM D638
Tensile Stress @Break (MD)	Mpa	23±2 °C	12	ASTM D638
Elongation @Break	%	23±2 °C	500	ASTM D638
Elongation @Yield	%	23±2 °C	6	ASTM D638
Flexural Young Modulus	Mpa	23±2 °C	1300	ASTM D790
Izod Impact	J/m	Notched Method 23 ± 2 °C	50	ASTM D256

* Guaranteed items: MFR & Density.

* 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