

Product Data Sheet: BG-HD-62N07

High Density PE	Injection Molding	
HDPE: BG-HD-62N07	Density: 0.962 ± 0.002	MFI: 7 ± 1
Feature: <ul style="list-style-type: none"> Good Impact strength Easy Processing High Rigidity High Stiffness Films 	Application: <ul style="list-style-type: none"> Crates Pallets Boxes 	Additive: <ul style="list-style-type: none"> Neutralizer: Calcium Stearate Antioxidants: Irganox1010, Irgafos 168

❖ **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	7	ASTM D1238
Density	g/cm ³	23°C	0.960	ASTM D1505
Bulk Density	g/cm ³	—	0.59	ASTM D1895
Physical Properties	unit	Condition	Typical value	Test method
F/E (MFI(5kg)/MFI(2.16 kg))	—	Procedure D. Inc.	2.92	ASTM D1238
HDT	°C	at 0.46 Mpa	82	ASTM D648
Ti Content	ppm	—	<5	MTM 15636
Vicat	°C	at 10 N (VST/A)	135	ASTM D1525
Tensile Stress @Yield	Mpa	—	31.4	ASTM D638
Tensile Stress @Break	Mpa	—	16	ASTM D638
Elongation @Yield	%	—	9.36	ASTM D638
Flexural Modulus	Mpa	—	1330	ASTM D790
Izod Impact (notched)	J/m	23 ± 2 °C	62	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 customer's 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.

MAPC

