

# Product Data Sheet: BG-HD-3840UA

High Density PE	Rotomolding	
HDPE: BG-HD-3840UA	Density: 0.935-0.939	MFI: 3.6-4.4
<b>Feature:</b> <ul style="list-style-type: none"><li>• Comonomer:Buten1</li></ul>	<b>Application:</b> <ul style="list-style-type: none"><li>• Septing Tank</li><li>• Ordinary container</li><li>• Injection molded technical parts</li></ul>	<b>Additive</b> <ul style="list-style-type: none"><li>• Antioxidants</li><li>• UV Stabilizer</li></ul>

\* **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)	gr/10min min	190°C/2.16 kg	3.6-4.4	ASTM D 1238
Density	gr/cm³	-	0.935-0.939	ASTM D 1505
vicat	°C	At 10 N(VST/A)	115	ASTM D 1525
Tensile Stress @ Yield	Mpa	-	18	ASTM D 638
Tensile Stress @ Break	Mpa	-	9.5	ASTM D-638
Tensile Strain @ Yield	%	-	10	ASTM D 638
Tensile Strain @ Break	%	-	900	ASTM D 638
Flexural Modulus	Mpa	-	700	ASTM D 790
Izod Impact (notched)	J/M	23 ± 2 °C	118	ASTM D 256
ESCR (IGEPAL 10%)	HR	(F50, 50°C)	350	ASTM D 1693
Contamination	%	-	<30	BASELL MTM-17064 E

\* 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.

