

## Product Data Sheet: BG-HD-3840 UA

High Density PE	Rotomolding	
HDPE: BG-HD-3840	Density: 0.935-0.939	MFI: 3.8-4.5
<b>Feature:</b>	<b>Application:</b>	<b>Additive:</b>
<ul style="list-style-type: none"> <li>Co-monomer: Butene-1</li> <li>High Impact Strength</li> <li>High Elongation</li> <li>High Stress Cracking Resistance</li> <li>Good Stiffness</li> </ul>	<ul style="list-style-type: none"> <li>Septing Tanks</li> <li>Ordinary Containers</li> <li>Injection Molded technical parts</li> </ul>	<ul style="list-style-type: none"> <li>UV Stabilizer</li> <li>Antioxidants</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)	g/10 min	190°C/2.16 kg	3.8-4.5	ASTM D1238
Density	g/cm <sup>3</sup>	23°C	0.935-0.939	ASTM D1505
Physical Properties	unit	Condition	Typical value	Test Method
F/E Ratio	—	—	26±2	ASTM D1238
Vicat	°C	—	121	ASTM D1525
Tensile Stress @Yield	Mpa	—	23	ASTM D638
Tensile Strain @Yield	%	—	11	ASTM D638
Flexural Modulus	Mpa	—	650	ASTM D790
Izod Impact Resistance	J/m	Notched Method	118	ASTM D256
ESCR (IGEPAL 10%)	HR	(F50, 50°C)	>500	ASTM D1693
Contamination	%	—	<20	BASELL MTM-17064 E

\* Guaranteed items: MFR, Density & F/E Ratio.

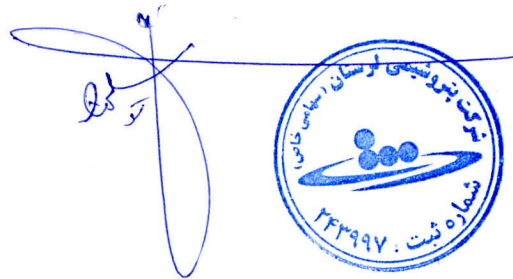
\* F/E Ratio of MIF (190°C/21.6 kg) / MIE (190°C/2.16 kg)

\* 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 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.

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Handwritten signature and blue circular stamp of the company.