

Product Data Sheet: BG-HD-3840UA

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

* **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/cm ³	-	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