

Product Data sheet: BG-HD 52B18

High Density Polyethylene	Injection molding	
HDPE: BG-HD 52B18	Density: 0.951 - 0.953	MFI: 15 - 21
Feature: <ul style="list-style-type: none"> • Comonomer:butene-1(C4) • Easy processing • High rigidity • High strength 	Application: <ul style="list-style-type: none"> • General purpose • Thin walled foam containers 	Additives: <ul style="list-style-type: none"> • Acid scavenger • Antioxidants • Lubricant

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 index	g/10 min	190°C/2.16 kg	15-21	ASTM D1238
Density	g/l	23°C	0.951-0.953	ASTM D1505
Physical properties	unit		Typical value	Test method
F/E Ratio	-		<30	ASTM D1238
Yellowness Index	-		<4 (0.5)	ASTM D1925
Ti content	ppm wt		<=5 (2)	MTM 15636
Flexural Modulus	MPa		1200	ASTM D790
Notched Izod Impact	J/m	23°C	40	ASTM D256/A

**All above mentioned data are typical values and not to be construed as real specification. Users should confirm results by their own tests. For more information about guaranteed items, please refer to S.S.S. (standard sales specifications).*

**F/E : Ratio of MIF (190°C/21.6Kg) / M IE (190°C/2.16Kg)*