

Product Data Sheet

BG-HD 52B18

High Density Polyethylene, Injection Molding

Applications:

- General purpose
- Thin walled foam container:

Additives

- Acid scavenger
- Antioxidants
- Lubricant

Feature

- Comonomer: butene-1(C4)
- Easy processing
- High rigidity
- High strength

Resin Properties	Unit	Condition	Typical Value	Test Method
Melt 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)	ASTM D1536
Flexural Modulus	MPa		1200	ASTM D790
Notched Izod Impact	J/m	23°C	40	ASTM D256/A

Density: 0.951-0.953 **MFI:** 15-21

*All above mentioned data are typical values and not to be construed as read 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)/ MIE (190°C/2.16kg)