

Product Data sheet: BG-HD 54B04(UV)

High Density Polyethylene	Injection Molding	
HDPE: BG-HD 54B04	Density: 0.952 – 0.956	MFI: 3.5 – 4.5
Feature: <ul style="list-style-type: none"> • Comonomer:1-Butene • Uv resistant • High rigidity 	Application: <ul style="list-style-type: none"> • Caps and closures • Pallets • Crates • Boxes • Seats 	Additives: <ul style="list-style-type: none"> • Acid scavenger • Antioxidants • Lubricant • Uv stabilizer

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	3.5 – 4.5	ASTM D1238
Density	g/cc	23°C	0.952 – 0.956	ASTM D1505
Physical properties	unit		Typical value	Test method
F/E Ratio	-		30 - 40	ASTM D1925
Yellow index			0.5	ASTM D1238
Ti content	ppm		2	Internal 15636
Flexural modulus	Mpa		1200	ASTM D790
Notched Izod impact	J/m	23°C	67	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)