

TECHNICAL DATA SHEET

Product Data sheet: BG-HD 4760 (BL3)

High Density Polyethylene	Small Blow Molding	Form: Pellet
HDPE: BG-HD 4760 (BL3)	Density: 0.954 ± 0.002	MFI: 1.2 ± 0.3
Feature: - Comonomer: butene-1 - high stiffness - Good flow ability - Good impact strength - Good stress cracking resistance - High Density	Application: For containers with capacities ranging from a few ml up to 10 liters also for Production of sheets for thermoforming	Additive: - Acid scavenger - Antioxidant

❖ **Material properties** (this data are typical values and shall not be construed as product specifications.)

Resin properties	unit	condition	Typical value	Test method
Melt Mass-Flow Rate (MFR)	g/10 min	190°C/5 kg	1.2 ± 0.3	ISO 1133
Melt Mass-Flow Rate (MFR)	g/10 min	190°C/21.6 kg	23 ± 4	ISO 1133
Density	g/cm ³	23°C	0.954 ± 0.002	ISO 1183
F/E Ratio	-	21.6kg/5kg	19 ± 3	-
Notched impact	kJ/mm ²	23°C	9	ISO 179/1 EA
Swell Ratio	-	-	$110 \pm 15\%$	-