

## Product Data sheet: BG-HD 4760 (BL3)

<b>High Density Polyethylene</b>	<b>Small Blow Molding</b>	<b>Form: Pellet</b>
<b>HDPE: BG-HD 4760 (BL3)</b>	<b>Density: 0.954 ± 0.002</b>	<b>MFI: 1.2 ± 0.3</b>
<b>Feature:</b> <ul style="list-style-type: none"> <li>• Comonomer: butene-1</li> <li>• high stiffness</li> <li>• Good flow ability</li> <li>• Good impact strength</li> <li>• Good stress cracking resistance</li> <li>• High Density</li> </ul>	<b>Application:</b> <ul style="list-style-type: none"> <li>• For containers with capacities ranging from a few ml up to 10 liters also for Production of sheets for thermoforming</li> </ul>	<b>Additive:</b> <ul style="list-style-type: none"> <li>• Acid scavenger</li> <li>• Antioxidant</li> </ul>

❖ **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 <sup>3</sup>	23°C	0.954 ± 0.002	ISO 1183
F/E Ratio	-	21.6kg/5kg	19±3	-
Notched impact	mj/mm <sup>2</sup>	23°C	9	ISO 179/1 EA
Swell Ratio	-	-	110±15%	-

Aydin Cure

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