



HDPE BL3

High Density Polyethylene · Blow Moulding Grade

Also traded as HF4760 · Origin: Iran

MFR (190 °C / 5 KG)

1.2 g/10 min

DENSITY

0.954 g/cm³

PROCESS

Blow Moulding

CONTAINER SIZE

≤ 10 L

PRODUCT DESCRIPTION

HDPE BL3 is a blow moulding grade with 1-butene comonomer. High rigidity and an excellent balance of stiffness and environmental stress-crack resistance make it ideal for small blow-moulded containers up to 10 litres, toys and consumer packaging, as well as sheet for thermoforming.

- High density & stiffness
- Good flow & impact strength
- Good stress-crack resistance
- Food-contact grade

PROCESSING GUIDE

Process	Extrusion blow moulding
Melt temperature	180 – 210 °C
Container size	Few ml – 10 L
Also for	Thermoforming sheet

TYPICAL PROPERTIES

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE
PHYSICAL			
Melt Flow Rate (190 °C / 21.6 kg)	ISO 1133	g/10 min	23
Melt Flow Rate (190 °C / 5 kg)	ISO 1133	g/10 min	1.2
Flow Rate Ratio (21.6 / 5)	—	—	19
Density	ISO 1183	g/cm ³	0.954
MECHANICAL			
Notched Impact Strength (23 °C)	ISO 179/1eA	kJ/m ²	9
Tensile Modulus	ISO 527	MPa	1250
Stress at Break	ISO 527	MPa	32
Elongation at Break	ISO 527	%	> 600
Hardness, Shore D	ISO 868	—	62

APPLICATIONS



PACKAGING

25 kg PE / woven bags
Palletised or jumbo on request
20' / 40' container loading

SUPPLY

Delivery ex-factory or at border
100% pre-shipment inspection
Full export documentation



Get Today's Price

Scan to request a quote for HDPE BL3 on WhatsApp.

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◆ DIRECT SUPPLY FROM IRAN

◆ PREMIUM GRADES

◆ COMPETITIVE PRICES

◆ WORLDWIDE EXPORT

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The values above are typical and are not to be construed as specification limits. Users should verify suitability for their own process and application.

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