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BAKHAR PETROCHEMICAL COMPANY

HIGH DENSITY POLYETHYLENE BG-HD4750

BG-HD4750 is a high-density polyethylene resin with butene-1 comonomer, offering high stiffness, good flow, and strong impact resistance. Ideal for blow molding applications like disinfectant bottles, cosmetic tubes, and petrol cans up to 5 liters.

Producer	Characteristic Properties	Applications	Additive
BAKHAR	• Comonomer. Butene-1 • high stiffness • good flow ability • high impact strenght	• for disinfectant bottles up to 2 liters • tubes - for cosmetics • container up to 10 liters - petrol cans up to 5 liters	- Acid scavenger - Antioxidant

Typical Properties

Resin Properties	Unit	Typical	Test Method
Melt Mass-Flow Rate(MFR)	g/10 min	1.2±0.3	ISO1133
Melt Mass-Flow Rate(MFR)	g/10 min	23±4	ISO1133
Density	g/cm ³	0.944±0.002	ISO1183
F/E Ratio	-	21±3	-
Notched impact azk	mJ/mm ²	10	ISO179/1 EA
Swell Ratio	-	110±15%	-