



BEHDAD PLAST

HIGH DENSITY POLYETHYLENE

BLOW MOLDING GRADE – HB0035

HB0035 is a high-density polyethylene (HDPE) grade specifically developed for small to medium-sized blow molding applications. It offers excellent stiffness, high impact resistance, and very good chemical resistance.

No.	PROPERTY	VALUE	TEST METHOD
1	High Load Melt Flow Index (190 °C/21.6 kg)	10 g/10 min	ISO 1133
2	Melt Flow Index	0.075 g/10 min	ISO 1133
3	Density @23 °C	0.955 g/cm ³	ISO 1183
4	Bulk Density	>0.50 g/cm ²	ISO 60
5	Tensile Modulus of Elasticity	1000 MPa	ISO 527-1,2
6	Flexural Modulus (1% Secant)	1000 MPa	ASTM D790
7	Tensile Stress at Yield	27 MPa	ISO 527-1,2

Applications:

- Bottles for bleach, motor oil, toiletries, and distilled water
- Small containers ranging from 10 cc to 20 liters
- Household and industrial chemical containers
- Food and beverage packaging
- Toys and household items
- Pipes and fuel tanks

Manufacturer:

Bandar Imam Petrochemical Company

Packaging:

25 kg PE bags-55 bag(approximately 1.375 MT) on a pallet, shrink wrapped. Optional: Jumbo Bags available upon request



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