



HDPE 0035

High Density Polyethylene · Blow Moulding Grade

Also traded as HB0035 · Origin: Iran

MFI (190 °C / 2.16 KG)

0.35 g/10 min

DENSITY

0.959 g/cm³

PROCESS

Blow Moulding

ELONGATION

≥ 900 %

PRODUCT DESCRIPTION

HDPE 0035 is a high-molecular-weight, highly crystalline blow moulding grade combining good extrusion behaviour with superior mechanical properties. Blow-moulded items show high stiffness, high impact strength even at low temperature, good stress-crack and excellent chemical resistance.

- High stiffness
- High impact, also when cold
- Excellent chemical resistance
- Contains antioxidant

PROCESSING GUIDE

Process	Extrusion blow moulding
Container size	10 ml – 20 L
Extruder L/D	25 – 30 D
Storage	Dry, below 60 °C, no UV

TYPICAL PROPERTIES

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE
PHYSICAL			
Melt Flow Index (190 °C / 2.16 kg)	ASTM D1238	g/10 min	0.35
Density	ASTM D1505	g/cm ³	0.959
Ash Content	ASTM D1063	wt %	≤ 0.06
Volatile Matter	ASTM D1960	wt %	≤ 0.05
Yellowness Index	ASTM D1925	—	≤ -5
MECHANICAL			
Tensile Strength at Break	ASTM D638	MPa	≥ 28
Elongation at Break	ASTM D638	%	≥ 900
Izod Impact Strength	ASTM D256	J/m	≥ 245
Environmental Stress Crack Resistance	ASTM D1693	h	15
THERMAL			
Melting Point	ASTM D2117	°C	130
Vicat Softening Point	ASTM D1525	°C	126

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

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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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