

Arak HDPE BL6

High Density Polyethylene
Shazand (Arak) Petrochemical Corporation

Message:

BL6 is a high density polyethylene grade with high molecular weight, suitable for blow moulding applications.

Characteristics:

- High toughness.
- Good impact strength.
- Good stress cracking resistance.

Typical applications are:

- Large containers above 10 litres capacity.
- Semi-finished stocks.

* BL6 is suitable for food contact.

General Information			
Features	Food Contact Acceptable		
	Good Impact Resistance		
	Good Toughness		
	High ESCR (Stress Crack Resist.)		
	High Molecular Weight		
Uses	Blow Molding Applications		
	Containers		
	Stock Material for Machining		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.952	g/cm ³	DIN 53479
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	0.11	g/10 min	DIN 53735
Environmental Stress-Cracking Resistance ¹ (70°C)	< 10.0	hr	Internal Method
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	> 14	kJ/m ²	DIN 53453
Optical	Nominal Value	Unit	Test Method
Yellowness Index	< 4.0	YI	DIN 6167
NOTE			
1.	plax, 0.5 bar		

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