

Arak HDPE BL3

High Density Polyethylene
Shazand (Arak) Petrochemical Corporation

Message:

BL3 is a high density polyethylene grade with broad molecular weight distribution, suitable for blow moulding applications.

Characteristics:

- High rigidity.
- Good flow ability.
- Good impact strength.
- Good stress cracking resistance.

Typical applications are:

- Containers ranging from a few ml up to 10 litres.
- Sheets for thermoforming.

* BL3 is suitable for food contact.

General Information	
Features	Food Contact Acceptable
	Good Flow
	Good Impact Resistance
	High ESCR (Stress Crack Resist.)
	High Rigidity
	Wide Molecular Weight Distribution
Uses	Blow Molding Applications
	Containers
	Sheet
Processing Method	Blow Molding
	Thermoforming

Physical	Nominal Value	Unit	Test Method
Density	0.954	g/cm ³	DIN 53479
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	1.0	g/10 min	DIN 53735
Environmental Stress-Cracking Resistance ¹ (70°C)	> 2.00	hr	Internal Method
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	> 6.5	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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