

# Arak HDPE BL2

High Density Polyethylene

Shazand (Arak) Petrochemical Corporation

## Message:

BL2 is a high density polyethylene grade, suitable for blow moulding applications.

Characteristics:

High rigidity.

Good flow ability.

Good impact strength.

Good stress cracking resistance.

Typical applications are:

Disinfectant bottles up to 2 litres capacity.

Containers up to 50 litres.

Petrol cans up to 5 litres.

\* BL2 is suitable for food contact.

General Information			
Features	Food Contact Acceptable Good Flow Good Impact Resistance High ESCR (Stress Crack Resist.) High Rigidity		
Uses	Blow Molding Applications Bottles Containers		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.460	g/cm <sup>3</sup>	DIN 53479
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	1.0	g/10 min	DIN 53735
Environmental Stress-Cracking Resistance <sup>1</sup> (70°C)	> 10.0	hr	Internal Method
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	> 7.0	kJ/m <sup>2</sup>	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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