

Arak HDPE BL5

High Density Polyethylene
Shazand (Arak) Petrochemical Corporation

Message:

BL5 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.

* BL5 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	0.944	g/cm ³	DIN 53479
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	0.20	g/10 min	DIN 53735
Environmental Stress-Cracking Resistance ¹ (70°C)	< 100	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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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

