



Arak Petrochemical Company



ISO 9001:2000
Certificate No.: CH98/8032

ISO 14001:2004
Certificate No.: CH03/0112

OHSAS 18001:1999
Certificate No.: CH05/0675

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High Density Polyethylene

BL5

Typical properties	Test method (DIN)	Unit	Value
MFI@190°C, 5 kg	53735	gr/10min	0.2
Density	53479	gr/ml	0.944
Notched Impact Strength	53453	mj/mm ²	Min. 14
ESCR, plax (70°C, 0.5bar)	Hoechst HDPE 19	hr	Min. 100
Standard Yellow Index	6167	-	Max. 4

➤ Values shown are averages & are not to be considered as product specifications.

❖ Main application & Characteristics:

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.