



Arak Petrochemical Company



ISO 9001:2000  
Certificate No.: CH98/8032

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Certificate No.: CH03/0112

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Certificate No.: CH05/0675

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## High Density Polyethylene

### BL4

| Typical properties        | Test method (DIN) | Unit               | Value    |
|---------------------------|-------------------|--------------------|----------|
| MFI@190°C, 5 kg           | 53735             | gr/10min           | 0.28     |
| Density                   | 53479             | gr/ml              | 0.953    |
| Notched Impact Strength   | 53453             | mj/mm <sup>2</sup> | Min. 12  |
| ESCR, plax (70°C, 0.5bar) | Hoechst HDPE 19   | hr                 | Min. 7.5 |
| Standard Yellow Index     | 6167              | -                  | Max. 4   |

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

#### ❖ Main application & Characteristics:

BL4 is a high density polyethylene grade with high molecular weight, suitable for blow moulding applications.

#### ♦ Characteristics:

- High rigidity.
- Good impact strength.
- Excellent surface finish.
- High stress cracking resistance.

#### ♦ Typical applications are:

- Containers from 1 litre up to 200 litres capacity.

\* BL4 is suitable for food contact.