



# High Density Polyethylene

BL4

کوثر شیمی  
Kosar Shimi  
+9821 - 43462000  
info@kosar.co  
www.kosar.co

Typical properties	Test method (DIN)	Unit	Value
MFI@190°C, 5 kg	53735	gr/10min	0.3
Density	53479	gr/ml	0.953
Notched Impact Strength	53453	mj/mm <sup>2</sup>	≥12
ESCR, plax (70°C, 0.5bar)	Hoechst HDPE 19	hr	≥7.5
Standard Yellow Index	6167	-	≤ 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.



ISO 9001:2008  
Certificate No.: CH98/8032

ISO 14001:2004  
Certificate No.: CH03/0112

OHSAS 18001:1999  
Certificate No.: CH05/0675