



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

I4

Typical properties	Test method (DIN)	Unit	Value
MFI@190°C, 5 kg	53735	gr/10min	11
Density	53479	gr/ml	0.954
Notched Impact Strength	53453	mj/mm ²	Min. 4.5
Standard Yellow Index	6167	-	Max. 4

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

❖ Main application & Characteristics:

I4 is a high density polyethylene grade, suitable for injection moulding applications.

♦ Characteristics:

- Low distortion tendency.
- High toughness.
- Good ESCR.

♦ Typical applications are:

- Thick-Walled, highly stressed transport containers e.g. refuse bins & fish crates.
- Screw caps.
- Cable clips.

* **I4** is suitable for food contact.