

# AMIR KABIR PETROCHEMICAL COMPANY

## HDPE I4 (GD 7255)

High Density Polyethylene

A M I R K A B I R P E T R O C H E M I C A L C O M P A N Y

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

### 1 Product Description:

"I4 (GD 7255)" is a high density polyethylene with Propylene as comonomer. It has high impact strength and low warping tendency.  
Stabilization: Ca-Stearate, Irganox1010, Irgafos168

### 2 Applications:

- For thick walled, Highly stressed transport containers e.g. refuse bins and Fish crates.



No.	Property	Units	Test Method	Value
1	MFI(190 °C/2.16Kg)	g/10min	ISO 1133	4.0±0.7
2	MFI(190 °C/5Kg)	g/10min	ISO 1133	11±2
3	FRR5/2.16	----	----	2.8±0.9
4	Density	g/cm <sup>3</sup>	ISO 1183	0.954±0.002
5	Notched Impact Strength	mJ/mm <sup>2</sup>	ISO179/1eA	4

Typical properties:  
these are not to be construed as specifications.

AKPC

HDPE