



SHOBEIR SHIMI
WWW.SHOBEIRSHIMI.COM
info@shobeirshimi.com

AMIR KABIR PETROCHEMICAL COMPANY

HIGH DENSITY POLYETHYLENE HDPE I4

"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

Producer	Characteristic Properties	Applications
AMIR KABIR	High impact strength, low warping tendency	For thick walled, highly steered transport containers e.g. refuse bins and fish crates.

Typical Properties

Resin Properties	Unit	Typical	Test Method
MFR (190 C/2.16Kg)	g/10min	4.0 ± 0.7	ISO 1133
MFR (190 C/5Kg)	g/10min	11 ± 2	ISO 1133
FRR5/2.16	-	2.8 ± 0.9	-
Density	g/cm ³	0.954 ± 0.002	ISO 1183
Notched Impact Strength	mJ/mm ²	4	ISO179/1eA