



KERMANSHAH POLYMER COMPANY

Plant : **KERMAPOL**

Grade/Product Name : **I4/HD7255**

Catalyst : **THE**

Technical Data

Product Description

HD7255 is a high-density Polyethylene with 1-Butene as a co-monomer.

Application:

Thick walled, highly stressed transport containers, e.g. Refuse bins and fish crates

General

Additive

- Antioxidant, Lubricant

Features

- Low war page
- High impact strength
- High Density

Forms

- Pellet

Processing Method

- Injection Molding

Physical

	Nominal Value Unit	Test Method
Density ¹⁾	0.954±0.002 g/cm ³	ISO1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4±1 g/10 min	ISO1133
Melt Mass-Flow Rate (MFR) (190°C/5 kg)	11±2 g/10 min	ISO1133
Flow Rate Ratio (5 kg/2.16 kg) ²⁾	2.8±0.5	-

Impact

	Nominal Value Unit	Test Method
Notched Impact (23°C) ³⁾⁴⁾	4mJ/mm ²	ISO179/1 eA

1) Test specimen from compression moulded sheet at 23 °C, samples not annealed

2) FRR values are statistical and calculated by dividing MFR values

3) Test specimen from compressed moulded sheet 23°C

4) The data quoted are average values