KERMANSHAH POLYMER COMPANY

Plant : **KERMAPOL**

Grade/Product Name : **I4UV/HD7255UV**

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, HALS(Tinuvin 622 LD)
Features	• Low war page • High impact strength • UV-resistant • High Density
Forms	• Pellet
Processing Method	• Injection Molding

Physical	**Nominal Value Unit**	**Test Method**
Density[1)]	0.954±0.002 g/cm³	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/mm²	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