

HD-I4

License Grade Code HC HD 7255

High Density Polyethylene (HDPE)



Product Description

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

Applications

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

PROPERTY	UNIT	TYPICAL VALUE	TEST METHOD
PHYSICAL			
MELT FLOW RATE(MFR) (190°C/2.16KG) (190 °C/5KG)	g/10min	4	ISO 1133
DENSITY	g/cm3	0.954	ISO 1183
MECHANICAL			
TENSILE STRENGTH @ YIELD	MPa		ISO 527
TENSILE STRENGTH @ BREAK	MPa		ISO 527
ELONGATION @ BREAK	%		ISO 527
HARDNESS SHORE D	--		ISO 868
ESCR			
CHARPY NOTCH IMPACT STRENGTH	Kj/m2	4	ISO 179

Processing Condition

Recommended injection moulding temperature: 200-280 °C

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