

HD-I4 License Grade Code HD 7255(THE)

Product Description:

"I4" is a high density polyethylene with 1-Butene as co monomer. It is high rigidity, good toughness, low warpage, high impact strength.

Applications:

- Injection moulding
- Engineering Leisure & sport equipment

Typical data

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE*
Mass density (23 C)	ISO 1183	g/cm ³	0.954
Melt Flow Rate (190 C/2.16kg)	ISO 1133	g/10min	4
Melt Flow Rate (190 C/5.0kg)	ISO 1133	g/10min	11
FRR(5/2.16)		-	2.8
Impact strength (23 C)	ISO 179/1eA	mj/mm ²	3

- Typical values not to be constructed as specifications.
- Recommended injection moulding temp. 200-280 c