

HF4750 (BL2)

 High Density Polyethylene for
 Small Blow Moulding

General Description

HF4750 (BL2) is a high density polyethylene with 1-butene as comonomer. It has high impact strength and slightly lower stiffness than BL3, with outstanding resistance to stress cracking, even in contact with surfactants.

Typical Applications

- Petrol can
- Container
- Disinfectant bottle
- Packing of pharmaceutical & surfactant

Catalyst: THT/BM

Product Specification

PHYSICAL/MECHANICAL PROPERTIES	VALUE*	UNIT	TEST METHOD
Density	0.944±0.002	g/cm ³	ISO 1183
FRR (5/2.16)	21±3		
MFR (190 °C/2.16 Kg)	23±4	g/10 min	ISO 1133
MFR (190 °C/5 Kg)	1.1±0.3	g/10 min	ISO 1133
Notched impact (23 °C)	≥10	MJ/mm ²	ISO 179/1eA

* Typical values; not to be considered as product specification.

Note:

Test specimens were taken from compression moulded sheet at 23°C.

FRR values are statistical and calculated by dividing MFR values.

Notch impact test specimen was taken from compressed moulded sheet at 23°C and the data quoted here are average values.