



KERMANSHAH POLYMER COMPANY

Plant : KERMAPOL

Grade/Product Name : BL3/HF4760

Catalyst : THT

Technical Data

Product Description

HF4760 is a high-density Polyethylene with 1-Butene as a co-monomer.

Application:

Containers with capacities ranging from a few ml up to 10 liters, for Production of sheets for thermoforming

General

Additive	<ul style="list-style-type: none">• Antioxidant, Lubricant
Features	<ul style="list-style-type: none">• High stiffness• Good flow ability• Good impact strength• Good stress cracking resistance• High Density
Forms	<ul style="list-style-type: none">• Pellet
Processing Method	<ul style="list-style-type: none">• Small Blow Molding
Physical	Nominal Value Unit Test Method
Density ¹⁾	0.954±0.002 g/cm ³ ISO1183
Melt Mass-Flow Rate (MFR) (190°C/5 kg)	1.2±0.3 g/10 min ISO1133
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	23±4 g/10 min ISO1133
Flow Rate Ratio (21.6 kg/5 kg) ²⁾	19±3
Impact	Nominal Value Unit Test Method
Notched Impact (23°C) ^{3,4)}	9mJ/mm ² ISO179/1 eA
Swell Ratio	110±15%

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

Alfa Polymer Kimia