



KERMANSHAH POLYMER COMPANY

Plant : **KERMAPOL**

Grade/Product Name : **EX5/HM9450F**

Catalyst : **THT**

**Technical Data**

**Product Description**

HM9450F is a high-density Polyethylene with 1-Butene as a co-monomer.

**Application:**

For blown films with paperlike quality, suitable for counter bagscarrier bags and wrapping films , excellent processing

**General**

Additive

- Antioxidant, Lubricant

Features

- High molar mass film grade
- Good stiffness
- Good tenacity

Forms

- Pellet

Processing Method

- Film

**Physical**

**Nominal Value Unit**

**Test Method**

Density<sup>1)</sup>

0.949±0.002 g/cm<sup>3</sup>

ISO1183

Melt Mass-Flow Rate (MFR) (190°C/5 kg)

0.28±0.05 g/10 min

ISO1133

Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)

8±2 g/10 min

ISO1133

Flow Rate Ratio (21.6 kg/5 kg)<sup>2)</sup>

29±4

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**Impact**

**Nominal Value Unit**

**Test Method**

Fish Eye Note

≤3

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1) Test specimen from compression moulded sheet at 23 °C, samples not annealed

2) FRR values are statistical and calculated by dividing MFR values