



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 papertlike 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 ¹⁾ | 0.949±0.002 g/cm ³ | 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) ²⁾ | 29±4 | - |

Impact

| | Nominal Value Unit | Test Method |
|---------------|--------------------|-------------|
| Fish Eye Note | ≤3 | - |

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

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