



Amir Kabir Petrochemical Company

HDPE EX5 (GM 9450 F) / High Density Polyethylene

1 Product Description:

“EX5 (GM 9450F)” is a high Density polyethylene with Butene-1 as comonomer. It is high molar mass for blown film with in comparison to EX4 lower stiffness and increased tenacity.

The product has good toughness, low gel level and good tear strength.

Stabilization: Ca-Stearate, Zn-Stearate, Irgafos168.

2 Applications:

- Food Grade.
- Blown film with paper like quality.
- Suitable for counter bags.
- Carrier bags.
- Wrapping films and sheets.
- Blending partner.

HDPE

No.	Property	Units	Test Method	Value
1	MFR (190 °C /5Kg)	g/10min	ISO 1133	0.28 ± 0.07
2	MFR (190 °C/21.6 Kg)	g/10min	ISO 1133	8.0 ± 2.0
3	FRR5/21.6/5	-----	-----	30 ± 4
4	Density	g/cm ³	ISO 1183	0.949 ±0.002
5	Gel Number	-----	Internal Method	≤ 3
6	Gel Size	µm	Internal Method	≤ 120

Typical properties:

These are not to be construed as specifications

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18 | www.akpc.ir