



AMIR KABIR PETROCHEMICAL COMPANY  
HDPE EX5 (GM 9450 F)  
High Density Polyethylene

### 1 Product Description:

"EX5 (GM 9450 F)" is a high Density polyethylene with Butene-1 as comonomer. It is a 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 films 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/21.6Kg)	g/10min	ISO 1133	8.0± 2.0
3	FRR5/21.6	—	—	30± 4
4	Density	g/cm <sup>3</sup>	ISO 1183	0.949 ± 0.002

Typical properties:  
these are not to be construed as specifications.

AKPC