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AMIR KABIR PETROCHEMICAL COMPANY

HIGH DENSITY POLYETHYLENE HDPE EX5 (GM 9450 F)

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

Producer	Characteristic Properties	Applications
AMIR KABIR	high molecular weight high-density polyethylene with 1-butene as a comonomer	Food Grade - Blown films with paper like quality - Suitable for counter bags. Carrier bags- Wrapping films and sheets.

Typical Properties

Resin Properties	Unit	Typical	Test Method
MFR (190 C/2.16Kg)	g/10min	0.28±0.07	ISO 1133
MFR (190 C/5Kg)	g/10min	8.0±2.0	ISO 1133
FRR5/2.16	-	30±4	-
Density	g/cm ³	0.949 0.002	ISO 1183