



Amir Kabir Petrochemical Company

HDPE EX1 (GF 7740F2) / High Density Polyethylene

1 Product Description:

“EX1 (GF 7740F2)” is a high density polyethylene with Butene-1 as comonomer. It is a medium molecular mass with a narrow molar mass distribution. Stabilization: Ca-Stearate, Irganox1010, Irgafos168.

2 Applications:

- Stretched film tape used in manufacture of knitted and woven fabrics (Agricultural Packaging and protective cover).

HDPE

No.	Property	Units	Test Method	Value
1	MFI (190 °C /5Kg)	g/10min	ISO 1133	1.6 ± 0.4
2	MFI (190 °C /21.6 Kg)	g/10min	ISO 1133	22 ± 4
3	FRR21.6/5	-----	-----	14 ± 2
4	Density	g/cm ³	ISO 1183	0.944 ±0.002
5	Gel Number	-----	Internal Method	≤ 4
6	Gel Size	µm	Internal Method	≤ 150

Typical properties:

These are not to be construed as specifications

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