



Amir Kabir Petrochemical Company

HDPE BL5 (GM 7746) / High Density Polyethylene

1 Product Description:

“BL5 (GM 7746)” is a high density polyethylene with Butene-1 as comonomer. It has a high molar mass, very good impact strength and optimum stress cracking resistance (ESCR).

Stabilization: Ca-Stearate, Irganox1010, Irgafos168

2 Applications:

- Large container above 5 liters capacity e.g. petrol tanks.
- For manufacture of semi-finished products.

HDPE

No.	Property	Units	Test Method	Value
1	MFI (190 °C /5Kg)	g/10min	ISO 1133	0.2 ± 0.04
2	MFI (190 °C /21.6 Kg)	g/10min	ISO 1133	4.0 ± 0.4
3	FRR21.6/5	-----	-----	20
4	Density	g/cm ³	ISO 1183	0.943 ± 0.002
5	Notched Impact Strength	mJ/mm ²	ISO 179/1eA	25

Typical properties:

These are not to be construed as specifications

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