

HD-BL5

License Grade Code HM 7746

High Density Polyethylene (HDPE)



Product Description

"BL5 (HM 7746)" is a high density polyethylene with Butene-1 as co-monomer. It is a high molar mass, very good impact strength and optimum stress cracking resistance (ESCR).

Stabilization: Ca-Stearate, Irganox1010, Irgafos168

Applications

Large container above 5 liters capacity e.g. petrol tanks.

For manufacture of semi-finished products.

PROPERTY	UNIT	TYPICAL	TEST METHOD
MELT FLOW RATE(MFR) (190°C/2.16KG) (190 °C/5KG)	g/10min	0.2-4	ISO 1133
DENSITY	g/cm ³	0.943	ISO 1183
CHARPY NOTCH IMPACT STRENGTH	Kj/m ²	25	ISO 179
SWELL RATIO	%	150 ± 20	Internal

Processing Condition

Mended melt temperature: 180-220 °C

Recom Producer: Amir Kabir Petrochemical Co.

Licensor: Basell

Packing: 25 Kg plastic bag

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