

HD-BL6

License Grade Code HM 7255

High Density Polyethylene (HDPE)



Product Description

"BL6 (HM 7255)" is a high density polyethylene with Butene-1 as co-monomer. It is a high molar mass material with very good impact strength and stiffness and good stress cracking resistance (ESCR) and even good moulding surface finish.

Stabilization: Ca-Stearate, Irganox1010, Irgafos168, HOE Wax PED191

Applications

For large containers above 5 liters capacity for manufacture of semi-finished product

PROPERTY/ PHYSICAL	UNIT	TYPICAL VALUE	TEST METHOD
MELT FLOW RATE(MFR) (190°C/2.16KG) (190 °C/5KG)	g/10min	-0.12 2.7	ISO 1133
DENSITY	g/cm ³	0.952	ISO 1183
CHARPY NOTCH IMPACT STRENGTH	Kj/m ²	42	ISO 179
SWELL RATIO	%	145 ± 20	Internal Method

Processing Condition

Recommended melt temperature: 180-220 °C

Producer: Amir Kabir Petrochemical Co.

Licensors: Basell

Packing: 25 Kg plastic bag

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