

## HD-BL7

## License Grade Code HM 6255

### High Density Polyethylene (HDPE)



#### Product Description

“BL7 (HM 6255)” is a high density polyethylene with Butene-1 as co-monomer. It is a special grade for particularly high requirements like low temperature impact strength and stacking, good stress cracking resistance (ESCR).

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

#### Applications

For large containers e.g. L-ring drums with 220 liters capacity.

PROPERTY/ PHYSICAL	UNIT	TYPICAL VALUE	TEST METHOD
MELT FLOW RATE(MFR) (190°C/2.16KG) (190 °C/5KG)	g/10min	≤0.1 2.2	ISO 1133
DENSITY	g/cm <sup>3</sup>	0.950	ISO 1183
CHARPY NOTCH IMPACT STRENGTH	Kj/m <sup>2</sup>	≥ 45	ISO 179
SWELL RATIO	%	145 ± 20	Internal

#### Processing Condition

Recommended melt temperature: 180-220 °C

Producer: Amir Kabir Petrochemical Co.

Licensor: Basell

Packing: 25 Kg plastic bag

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