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MARUN PETROCHEMICAL COMPANY

HIGH-DENSITY POLYETHYLENE HDPE HF4760 (BL3)

BL3 is a high density polyethylene with 1-Butene as co monomer. It is high density and stiffness, good ESCR, high rigidity, good flowability and impact strength.

Producer	Characteristic Properties	Applications	Additive
MARUN	Comonomer Butene-1 (C4) High Stiffness - Good Flow ability Good Impact Strength	Small blow moulding - Bottles Containers (up to 5 lit) - Packaging of pharmaceuticals & surfactants	-

Typical Properties

Resin Properties	Unit	Typical	Test Method
Mass density (23°C)	g/cm ³	0.954	ISO 1183
Melt Flow Rate (190 C/5.06kg)	g/10min	1.2	ISO 1133
Melt Flow Rate (190 C/21.16kg)	g/10min	23	ISO 1133
FRR (21.6/5)	mJ/mm ²	19	-
Impact strength (23 C)	g/10min	10	ISO 179/1eA
Swell ratio	mJ/mm ²	120	MPC-Test