



Ras Lanuf Oil & Gas Processing Co.

LANUFENE[®] HDB-5116

MFI 13.0

High Density Polyethylene

Density 0.950

Description

LANUFENE[®] HDB-5116 is a High Density Polyethylene resin intended for use primarily in blow molding applications. It combines excellent environmental stress cracking resistance (ESCR) and toughness, good processability and melt strength.

Typical Properties

Property	ASTM Method	Unit	Value
Melt Flow Index, 190°C, 21.6kg	D1238	g/10 min.	13.0
Density, @ 23°C	D1505	g/cm ³	0.950

Application

- LANUFENE[®] HDB-5116 can be used for applications such as large bottles and/or containers.
- LANUFENE[®] HDB-5116 may be used in Irrigation & Conduit Pipes, etc.

Processing Conditions

LANUFENE[®] HDB-5116 can be processed by conventional HDPE blow molding machinery. Recommended melt temperature is 180 - 230°C.

Food Contact Application

LANUFENE[®] HDB-5116 complies with food packaging and food contact application regulations.

Packaging

- Standard Packaging ; 25kg PE FFS Bag with Pallet and Shrink Wrapping.
- Big Bag, 600/1,000kg, are available.



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