

Producer: Unipetrol / Czech Republic

LITEN BB 75

Description:

LITEN BB 75 is a linear polyethylene of high molecular weight, intended for blow moulding. Its well balance properties combine high impact strenght, good rigidityand excellent resistance to tensoactive substance. It is suitable manufacture of hollow objects up to 200 litres, such as containers, tanks, canisters, ets.

Typical Properties:

PROPERTY	UNITS	VALUES	TEST METHODS
Melt Flow Index (190°C /2. 16 Kg)	g/10 min	-	ISO 1133
Melt Flow Index (190°C / 5 Kg)	g/10 min	0.4	ISO 1133
Melt Flow Index (190°C / 21.6 Kg)	g/10 min	11	ISO 1133
Density	kg/m ³	948	ISO 1183
Yield stress	Mpa	23	ISO 527
Tensile strength at yield	%	10	ISO 527
Flexural Modulus	Mpa	950	ISO 178
Charpy notched impact strenght 23 °C	kJ/m ²	16	ISO 179
Charpy notched impact strenght -50 °C	kJ/m ²	6,5	ISO 179
Vicat Softening Temperature	°C	124	ISO 306
Shore hardness	-	60	ISO 868
ESCR F50, 50 °C, 100% detergent	h	>2000	ASTM D1693
Carbon Black Content	%	-	ISO 6469

Note: Data contained herein represent the typical values of individual properties. They are informative and don't set the specification limits of given grade.

LITEN BB 75 meets the hygienic regulations concerning contact with food of the European Union. The products is not classified as a dangerous preparation according to Directive 1999/45/EC.