



## Unipetrol RPA

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## Product Information

### LITEN MB 77

#### Characteristic

**LITEN MB 77** is a linear polyethylene, copolymer with narrow molecular weight distribution and high melt flow, intended for injection moulding. It combines good rigidity and impact strength with easy processability and excellent melt flow. This grade is suitable for manufacture of various types of pails, pots, household products, etc.

#### Typical properties and usage

Property	Unit	Typical value	Testing method
MELT FLOW RATE (190/2,16)	g/10 min	16.00	ISO 1133
MELT FLOW RATE (190/5)	g/10 min	38.00	ISO 1133
MELT FLOW RATE (190/21,6)	g/10 min	-	ISO 1133
DENSITY	kg/m <sup>3</sup>	960	ISO 1183
YIELD STRESS	MPa	24	ISO 527
TENSILE STRAIN AT YIELD	%	9.0	ISO 527
FLEXURAL MODULUS	MPa	1000	ISO 178
CHARPY NOTCHED IMPACT STRENGTH 23°C	kJ/m <sup>2</sup>	3.5	ISO 179
CHARPY NOTCHED IMPACT STRENGTH -30°C	kJ/m <sup>2</sup>	-	ISO 179
VICAT SOFTENING TEMPERATURE	°C	125	ISO 306
SHORE HARDNESS D	-	57	ISO 868
ESCR F50; 50 °C; 100% DETERGENT	h	-	ASTM D1693
CONTENT OF CARBON BLACK	%	-	ISO 6469

#### Notice:

Data from table are represent typical values of each property. It is informative data, i.e. doesn't extent of specification of this type.

**LITEN MB 77** meets the hygienic requirements on materials and articles intended for contact with foodstuffs according to Regulation (EC) 1935/2004 of the European Parliament and of the Council, as well as according to Commission Regulation (EU) No 10/2011 including changes and additions.

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