

LITEN MB 87

Polyethylene Copolymer
UNIPETROL RPA

Message:

LITEN MB 87 is a copolymer with narrow molecular weight distribution and high melt flow. It combines good rigidity with easy processability and excellent melt flow. This grade is suitable for manufacture of various types of pails, pots, household products, etc.

LITEN MB 87 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.

General Information			
Features	Copolymer		
	Food Contact Acceptable		
	Good Impact Resistance		
	Good Processability		
	Good Stiffness		
	High Flow		
	Narrow Molecular Weight Distribution		
Uses	Household Goods		
	Pails		
Agency Ratings	EC 1935/2004		
	EU 10/2011		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.956	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)			ISO 1133
190°C/2.16 kg	24	g/10 min	
190°C/5.0 kg	60	g/10 min	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	56		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	22.0	MPa	ISO 527-2
Tensile Strain (Yield)	10	%	ISO 527-2
Flexural Modulus	900	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	3.5	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	123	°C	ISO 306

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Recommended distributors for this material

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