LITEN MB 77

Polyethylene Copolymer

UNIPETROL RPA

Message:

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.
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.

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	0.960	g/cm^3	ISO 1183
Melt Mass-Flow Rate (MFR)			ISO 1133
190°C/2.16 kg	16	g/10 min	
190°C/5.0 kg	38	g/10 min	
Hardness	**Nominal Value**	**Unit**	**Test Method**
Shore Hardness (Shore D)	57		ISO 868
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (Yield)	24.0	MPa	ISO 527-2
Tensile Strain (Yield)	9.0	%	ISO 527-2
Flexural Modulus	1000	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	125	°C	ISO 306

Recommended distributors for this material

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