

Lutene® MB9205

Low Density Polyethylene

LG Chem Ltd.

Message:

The physical and structural characteristics of LUTENE MB9205 give it excellent flow properties and good productivity, clarity and surface gloss.

Main Applications:

Lids of all sizes, household articles, powder coating

General Information			
Features	Good Flow Med.-Wide Molecular Weight Distrib. Medium Clarity Medium Gloss		
Uses	Coating Applications Household Goods Lids		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.916	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	24	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	43		ASTM D2240
Tensile Strength			ASTM D638
Yield	10.0	MPa	
Break	10.0	MPa	
Tensile Elongation (Break)	> 500	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	78.0	°C	ASTM D1525
Melting Temperature	104	°C	DSC
Injection	Nominal Value	Unit	
Processing (Melt) Temp	< 220	°C	

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