

Lutene® MB9500

Low Density Polyethylene

LG Chem Ltd.

Message:

The physical and structural characteristics of LUTENE MB9500 give it excellent flow properties and good productivity, clarity and surface gloss.

Main Applications

Powder coating, artificial flower and grass

General Information			
Features	Good Flow		
	High Clarity		
	Med.-Wide Molecular Weight Distrib.		
	Medium Gloss		
Uses	Coating Applications		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.915	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	48	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	42		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	8.00	MPa	
Break	9.00	MPa	
Tensile Elongation (Break)	> 400	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	74.0	°C	ASTM D1525
Melting Temperature	104	°C	DSC
Injection	Nominal Value	Unit	
Processing (Melt) Temp	< 220	°C	

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