

# Riblene® MV 10

Low Density Polyethylene

Versalis S.p.A.

## Message:

Riblene® MV 10 is a low density polyethylene resin having an excellent fluidity (LDPE).  
Parts made by Riblene® MV 10 are highly flexible.  
Riblene® MV 10 is ideal for injection moulding applications. Riblene® MV 10 is recommended for low thickness and very complex articles requiring a short production cycle and for masterbatches.

General Information			
Features	Fast Molding Cycle		
	Food Contact Acceptable		
	Good Flexibility		
	Good Flow		
	Low Density		
Uses	Masterbatch		
	Thin-walled Parts		
Agency Ratings	EU Food Contact, Unspecified Rating		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.917	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	65	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D, Injection Molded)	43		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, Injection Molded)	9.00	MPa	ISO 527-2
Flexural Modulus (Injection Molded)	110	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< 0.00	°C	ASTM D746
Vicat Softening Temperature	82.0	°C	ISO 306/A
Melting Temperature	104	°C	Internal Method
Injection	Nominal Value	Unit	
Rear Temperature	160 to 200	°C	
Middle Temperature	160 to 200	°C	
Front Temperature	160 to 200	°C	

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#### Recommended distributors for this material

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