

Riblene® MV 10 R

Low Density Polyethylene

Versalis S.p.A.

Message:

Riblene MV 10 R is a low density polyethylene resin having an excellent fluidity (LDPE).

Parts made by Riblene MV 10 R are highly flexible.

Main Application

Riblene MV 10 R is ideal for injection moulding applications. Riblene MV 10 R is recommended for low thickness and very complex articles requiring a short production cycle and for basterbatches.

General Information			
Features	Low density		
	Fast molding cycle		
	Good flexibility		
	High liquidity		
	Compliance of Food Exposure		
Uses	Thin wall parts		
	Masterbatch		
Agency Ratings	European food contact, not rated		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.917	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	65	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Durometer 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 - 200	°C	
Middle Temperature	160 - 200	°C	
Front Temperature	160 - 200	°C	

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Recommended distributors for this material

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