

Riblene® MQ 10 R

Low Density Polyethylene

Versalis S.p.A.

Message:

Riblene MQ 10 R is a good fluidity low density polyethylene resin (LDPE).

Parts made by Riblene MQ 10 R are characterised by a high flexibility.

Main Application

Riblene MQ 10 R is suitable for injection moulding and compound applications. Riblene MQ 10 R is recommended for stoppers, closures and low thickness articles.

General Information			
Features	Food Contact Acceptable		
	Good Flexibility		
	Good Flow		
	Low Density		
Uses	Closures		
	Compounding		
	Thin-walled Parts		
Agency Ratings	EU Food Contact, Unspecified Rating		
Forms	Pellets		
Processing Method	Compounding		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.918	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	15	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D, Injection Molded)	46		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, Injection Molded)	10.0	MPa	ISO 527-2
Flexural Modulus (Injection Molded)	120	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -40.0	°C	ASTM D746
Vicat Softening Temperature	84.0	°C	ISO 306/A
Melting Temperature	108	°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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