

Riblene® MP 31 R

Low Density Polyethylene

Versalis S.p.A.

Message:

Riblene MP 31 R is a medium fluidity low density polyethylene resin (LDPE) additivated with slip agent.

Parts made by Riblene MP 31 R are characterised by a medium rigidity.

Main Application

Riblene MP 31 R is suitable for injection moulding and compound applications. Riblene MP 31 R is recommended for caps, stoppers, closures and medium thickness articles.

General Information			
Additive	Slip		
Features	Food Contact Acceptable		
	Low Density		
	Medium Rigidity		
	Slip		
Uses	Caps		
	Closures		
	Compounding		
Agency Ratings	EU Food Contact, Unspecified Rating		
Forms	Pellets		
Processing Method	Compounding		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.924	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	8.0	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D, Injection Molded)	50		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, Injection Molded)	12.0	MPa	ISO 527-2
Flexural Modulus (Injection Molded)	180	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -65.0	°C	ASTM D746
Vicat Softening Temperature	92.0	°C	ISO 306/A
Melting Temperature	112	°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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