

Riblene® MT 10 R

Low Density Polyethylene

Versalis S.p.A.

Message:

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

Parts made by Riblene MT 10 R are highly flexible.

Main Application

Riblene MT 10 R is suitable for injection moulding applications. Riblene MT 10 R is recommended for low thickness articles, artificial flowers and masterbatches.

General Information			
Features	Food Contact Acceptable		
	Good Flexibility		
	High Flow		
	Low Density		
Uses	Decorative Parts		
	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 ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	40	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	< -10.0	°C	ASTM D746
Vicat Softening Temperature	80.0	°C	ISO 306/A
Melting Temperature	106	°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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