

Riblene® MP 20

Low Density Polyethylene

Versalis S.p.A.

Message:

Riblene MP 20 is a medium fluidity low density polyethylene resin (LDPE).

Parts made by Riblene MP 20 are characterised by a high flexibility.

Main Application

Riblene MP 20 is suitable for injection moulding, compound and masterbatch applications. Riblene MP 20 is recommended for houseware, toys, lids and medium thickness articles.

General Information			
Features	Food Contact Acceptable		
	Good Flexibility		
	Low Density		
	Medium Flow		
Uses	Compounding		
	Household Goods		
	Lids		
	Masterbatch		
	Toys		
Agency Ratings	EU Food Contact, Unspecified Rating		
Forms	Pellets		
Processing Method	Compounding		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.919	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.5	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D, Injection Molded)	48		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, Injection Molded)	10.0	MPa	ISO 527-2
Flexural Modulus (Injection Molded)	130	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -75.0	°C	ASTM D746
Vicat Softening Temperature	88.0	°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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