

Riblene® MM 20

Low Density Polyethylene

Versalis S.p.A.

Message:

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

Parts made by Riblene® MM 20 are characterised by a high flexibility.

Riblene® MM 20 is suitable for injection moulding, compound and masterbatch applications. Riblene® MM 20 is recommended for caps, closures, houseware and high thickness articles.

General Information			
Features	Food Contact Acceptable Good Flexibility Low Density Medium Flow		
Uses	Caps Closures Compounding Household Goods Masterbatch Thick-walled Parts		
Agency Ratings	EU Food Contact, Unspecified Rating		
Forms	Pellets		
Processing Method	Compounding Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.5	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D, Injection Molded)	47		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, Injection Molded)	11.0	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	90.0	°C	ISO 306/A
Melting Temperature	110	°C	Internal Method
Injection	Nominal Value	Unit	

Rear Temperature	170 to 230	°C
Middle Temperature	170 to 230	°C
Front Temperature	170 to 230	°C

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Recommended distributors for this material

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