

Daplen™ ME319UBB

Compounded Polypropylene

Borealis AG

Message:

Daplen ME319UBB is a 30% mineral filled polypropylene compound intended for injection moulding.

General Information			
Filler / Reinforcement	Mineral filler, 30% filler by weight		
Features	Rigid, good		
	Impact resistance, good		
	Recyclable materials		
Uses	Parts under the hood of a car		
	Application in Automobile Field		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.13	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	28.0	MPa	ISO 527-2
Flexural Modulus ¹	3500	MPa	ISO 178
Flexural Stress	45.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ISO 180/A
-20°C	25	kJ/m ²	ISO 180/A
23°C	50	kJ/m ²	ISO 180/A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	133	°C	ISO 75-2/Bf
Flammability	Nominal Value	Unit	Test Method
Flammability (1.00 mm)		mm/min	ISO 3795
Injection	Nominal Value	Unit	
Mold Temperature	30.0 - 50.0	°C	
Holding Pressure	30.0 - 60.0	MPa	
Injection instructions			
Feeding Temperature: 40 - 80 °C Mass Temperature: 220 - 260 °C Back Pressure: Low to Medium Screw Speed: Low to Medium Flow Front Speed: 100 - 200 mm/s			
NOTE			
1.	30 mm/min		

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Recommended distributors for this material

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