

Ravamid® R200 GF 20

Polyamide 6

Ravago Group

Message:

20% glass fibre reinforced PA6 compound for injection moulding

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.27	g/cm ³	ISO 2781
Molding Shrinkage			ISO 294-4
Across Flow	1.1	%	
Flow	0.30	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	6300	MPa	ISO 527-2
Tensile Stress (Yield)	125	MPa	ISO 527-2
Tensile Strain (Break)	3.2	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	8.0	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	215	°C	ISO 75-2/B
1.8 MPa, Unannealed	203	°C	ISO 75-2/A
Vicat Softening Temperature	214	°C	ISO 306/A120
Melting Temperature	220 to 225	°C	
Flammability	Nominal Value		Test Method
Flame Rating ¹ (1.60 mm)	HB		Internal Method
NOTE			

1. UL94 internally tested

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Recommended distributors for this material

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