

Ravamid® R200 GF 30

Polyamide 6

Ravago Group

Message:

30% glass fibre reinforced PA6 compound for injection moulding

General Information			
UL YellowCard	E103497-102304286		
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.35	g/cm ³	ISO 2781
Molding Shrinkage			ISO 294-4
Across Flow	1.0	%	
Flow	0.20	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	9000	MPa	ISO 527-2
Tensile Stress (Yield)	160	MPa	ISO 527-2
Tensile Strain (Break)	3.1	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	13	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	220	°C	ISO 75-2/B
1.8 MPa, Unannealed	210	°C	ISO 75-2/A
Vicat Softening Temperature	216	°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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