

Ravamid® R200 T51 GF30

Polyamide 6

Ravago Group

Message:

Impact modified, 30%glass fibre reinforced PA6 compound for injection moulding

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	Impact Modifier		
Features	Impact Modified		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.30	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	7900	MPa	ISO 527-2
Tensile Stress (Yield)	100	MPa	ISO 527-2
Tensile Strain (Break)	3.5	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	18	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	214	°C	ISO 75-2/B
1.8 MPa, Unannealed	185	°C	ISO 75-2/A
Vicat Softening Temperature	212	°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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