

Ravamid® R200 FR10 V0

Polyamide 6

Ravago Group

Message:

Halogen free, FR V0 flame retardant PA6 compound

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Halogen Free		
Physical	Nominal Value	Unit	Test Method
Density	1.17	g/cm ³	ISO 2781
Molding Shrinkage			ISO 294-4
Across Flow	1.1	%	
Flow	1.1	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3200	MPa	ISO 527-2
Tensile Stress (Yield)	70.0	MPa	ISO 527-2
Tensile Strain (Break)	4.0	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	4.0	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	212	°C	ISO 75-2/B
1.8 MPa, Unannealed	187	°C	ISO 75-2/A
Vicat Softening Temperature	210	°C	ISO 306/A120
Melting Temperature	220 to 225	°C	
Flammability	Nominal Value	Unit	Test Method
Flame Rating ¹ (1.60 mm)	V-0		Internal Method
Glow Wire Flammability Index (3.00 mm)	960	°C	IEC 60695-2-12
NOTE			
1.	UL94 internally tested		

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