

Ravamid® R200 T54

Polyamide 6
Ravago Group

Message:
Super tough PA6 compound for injection moulding

General Information			
Features	Ultra High Toughness		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.04	g/cm ³	ISO 2781
Molding Shrinkage			ISO 294-4
Across Flow	1.2	%	
Flow	1.1	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1450	MPa	ISO 527-2
	35.0		
Tensile Stress (Yield)	36.0	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	4.3	%	
Break	120	%	
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	52	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	113	°C	ISO 75-2/B
1.8 MPa, Unannealed	50.0	°C	ISO 75-2/A
Vicat Softening Temperature	131	°C	ISO 306/B50
Melting Temperature	215 to 220	°C	
Flammability	Nominal Value		Test Method
Flame Rating ¹ (1.60 mm)	HB		Internal Method
NOTE			

1. UL94 internally tested

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