

NiMn2

Version 3

Symbol	Element	Ni	Fe	C	Mn	Mg	Si	S	Density g/cm ³
NiMn2	Min %	97.0	-	-	1.5	-	-	-	8.81
	Max %	-	0.3	0.005	2.5	0.15	0.20	0.010	

Physical Properties:

- Resistivity: 0.109 ($\Omega \times \text{mm}^2/\text{m}$)
- Temperature coefficient of resistance at 20-100°C (1/K): 0.004
- Melting Point: 1450° C
- Elongation at soft temper: >25%

Size Tolerances:

<0.25mm	±0.005mm
0.25-0.50mm	±0.008mm
0.50-1.00mm	±0.012mm
1.00-2.00mm	±0.02mm
2.00-4.00mm	±0.03mm

Typical applications:

- Resistance wire



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