

Niclal 30A

CuNi30

Nominal composition :

Weight %

Ni	30
Cu	Balance

Physical properties :

Density at 20°C (g/cm ³)	8.85
Modulus of elasticity, longitudinal (Gpa)	154
Coefficient of expansion 20 to 300° C (x 10 ⁻⁶)	16.2
Thermal conductivity (W/m.°K)	29
Resistivity (μohm.cm)	37

Applications:

- Shunts and precision resistors
- Nuclear energy
- Ultrasounds
- Electronics
- Telecommunications
- Defense
- Aerospace
- Currency and medals
- Surgery
- Eyewear

Available forms, mechanical properties:

- Strips and sheets
- Rods and wires

All information is intended as a general guide to performance and application suitability.