



Characteristics and scope of application

- Because of the low carbon content, NR-Ni 99,6 is highly resistant against alkalines, even at high temperatures.
- With the invention of the founder of Deutsche Nickel, Theodor Fleitmann, Nickel became malleable due to the addition of magnesium.

Standard designations

- DN designation NR-Nickel 99,6
- Alloy number / UNS 2.4061 / -
- Norms DIN 17740 / DIN 17752 / DIN 17753
- Typical chemical composition Ni min. 99.6%, C max. 0.02%

Physical properties

Density	Temperature liquidus line	Inflection temperature	Electrical resistivity	Mean coefficient of thermal expansion
lb/in ³	°F	°F	Ohm CMF	10 ⁻⁶ /°F RT to 212°F
0.32	2624	716	51	7.2

Mechanical properties

Ultimate tensile strength	Yield strength	Elongation
ksi	ksi	%
65*	22*	40*

* soft annealed