



Characteristics and scope of application

- R-Nickel 99,2 is resistant against corrosive attack in most media and furthermore immune to pitting and intercrystalline corrosion.
- With the invention of the founder of Deutsche Nickel, Theodor Fleitmann, Nickel became malleable due to the addition of magnesium.

Standard designations

- DN designation R-Nickel 99,2
- Alloy number / UNS 2.4066 / N02200
- Norms DIN 17740 / DIN 17752 / DIN 17753 / ASTM B160
- Typical chemical composition Ni min. 99.2%

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