



Characteristics and scope of application

- BR Nickel 99,6 (BR = „besonders rein“, especially clean) contains more Ni than R-Nickel 99,2 and is resistant against corrosive attack in most media.
- BR-Nickel 99,6 does not suffer from pitting or 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 BR-Nickel 99,6
- Alloy number / UNS 2.4060 / -
- Norms DIN 17740, DIN 17752, DIN 17753
- Typical chemical composition Ni min 99.6

Physical properties

Density	Temperature liquidus line	Curie point	Electrical resistivity	Mean coefficient of thermal expansion
kg/dm ³	°C	°C	Ohm mm ² /m	10 ⁻⁶ /K RT to 100°C
8.9	1440	380	0.085	13

Mechanical properties

Ultimate tensile strength	Yield strength	Elongation
MPa	MPa	%
450*	150*	40*

* soft annealed