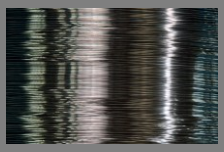
Technical Datasheet
BR-Nickel 99,6

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	Inflection temperature	Electrical resistivity	Mean coefficient of thermal expansion
lb/in³	°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

All data for information only

Deutsche Nickel