



Characteristics and scope of application

- This material is especially resistant against pitting corrosion, stress corrosion cracking and intercrystalline corrosion, and it keeps its good corrosion resistance at high temperatures.

Standard designations

- DN designation: Chronin C4
- Alloy number / UNS: 2.4610 / N06455
- Norms: DIN 17744 / DIN 17752 / DIN 17753 / ASTM B 574
- Typical chemical composition: Ni 67%, Cr 16%, Mo 16%, Ti 0.5%

Physical properties

Density	Temperature liquidus line	Electrical resistivity	Mean coefficient of thermal expansion
kg/dm ³	°C	Ohm mm ² /m	10 ⁻⁶ /K RT to 100°C
8.6	1380	1.25	11

Mechanical properties

Ultimate tensile strength	Yield strength	Elongation
MPa	MPa	%
800*	370*	60*

* solution annealed