



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
lb/in ³	°F	Ohm CMF	10 ⁻⁶ /°F 68 to 212°F
0.31	2516	752	6.1

Mechanical properties

Ultimate tensile strength	Yield strength	Elongation
ksi	ksi	%
116*	54*	60*

* solution annealed