



Characteristics and scope of application

- The material is highly resistant against stress corrosion cracking, crevice and pitting corrosion

Standard designations

- DN designation: Chronin C276
- Alloy number / UNS: 2.4819 / N10276
- Norms: DIN 15156 / DIN 17744 / DIN 17752 / DIN 17753 / ASTM B 564 / ASTM B 574
- Typical chemical composition: Ni 58%, Mo 16%, Cr 16%, Fe 6%, W 4%

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
8.9	1370	1.3	11

Mechanical properties

Ultimate tensile strength	Yield strength	Elongation
MPa	MPa	%
810*	410*	50*

* solution annealed