



### 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
lb/in <sup>3</sup>	°F	Ohm CMF	10 <sup>-6</sup> /°F   68 to 212°F
0.32	2498	782	6.1

### Mechanical properties

Ultimate tensile strength	Yield strength	Elongation
ksi	MPa	%
117*	60*	50*

\* solution annealed