



Characteristics and scope of application

- This material may be delivered solution annealed and annealed only, offering good corrosion resistance and high strength at elevated temperatures.

Standard designations

- DN designation Chronin 625
- Alloy number / UNS 2.4856 / N06625
- Norms DIN 17744 / DIN 17752 / DIN 17753 / ASTM B 446 / ASTM B 564
- Typical chemical composition Ni 60%, Cr 22%, Mo 9%, Fe 4%, Nb 3.5%, Ti 0.3%

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
0.30	2462	782	7.2

Mechanical properties

Ultimate tensile strength	Yield strength	Elongation
ksi	ksi	%
130 (A) 120 (SA)	75 (A) 60 (SA)	55 (A) 45 (SA)

A = annealed; SA = solution annealed