



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
kg/dm ³	°C	Ohm mm ² /m	10 ⁻⁶ /K RT to 100°C
8.4	1350	1.3	13

Mechanical properties

Ultimate tensile strength	Yield strength	Elongation
MPa	MPa	%
900 (A) 820 (SA)	520 (A) 420 (SA)	55 (A) 45 (SA)

A = annealed; SA = solution annealed