



Characteristics and scope of application

- This moderately strong material keeps its good corrosion resistance from low to high temperatures.
- It is a free machining derivative of Silverin 400.

Standard designations

- DN designation Silverin 405
- Alloy number / UNS 2.4363 / N04405
- Norms DIN 17743 / DIN 17752 / ASTM B164 / QQN 281
- Typical chemical composition Ni 64%, Cu 32%, Mn 1.9%, Fe 1.5%, S 0.04%

Physical properties

Density	Temperature liquidus line	Inflection temperature	Electrical resistivity	Mean coefficient of thermal expansion
kg/dm ³	°C	°C	Ohm mm ² /m	10 ⁻⁶ /K RT to 100°C
8.8	1300	50	0.48	14

Mechanical properties

Ultimate tensile strength	Yield strength	Elongation
MPa	MPa	%
550*	220*	35*

* soft annealed