



Characteristics and scope of application

- Alloy with low / very low CTE for thermally stable components

Standard designations

- DN designation Dilaton 36
- Alloy number / UNS 1.3912 / K93603
- Norms DIN 17745 / SEW 385 / ASTM F1684
- Typical chemical composition Ni 36%, Fe 64%

Physical properties

Density	Temperature liquidus line	Inflection temperature	Electrical resistivity	Mean coefficient of thermal expansion
lb/in ³	°F	°F	Ohm CMF	10 ⁻⁶ /°F 68 to 212°F
0.29	2615	536	475	0.67 – 1.00

Mechanical properties

Ultimate tensile strength	Yield strength	Elongation
ksi	ksi	%
71*	39*	40*

* soft annealed