



Characteristics and scope of application

- Alloy with special CTE for melting into soft glasses

Standard designations

- DN designation Dilaton 54
- Alloy number / UNS 2.4475 / -
- Norms DIN 17745 / SEW 385
- Typical chemical composition Ni 54%, Fe 46%

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 86 to 1022°F
0.30	2642	1022	205	5.4 – 5.9

Mechanical properties

Ultimate tensile strength	Yield strength	Elongation
ksi	ksi	%
74*	41*	40*

* soft annealed