

MATERIAL NUMBER 0.6660 · CLASS 0.6

0523

Material no. 0.6660

also listed as GGL-NiCr 20 2

Chemical composition, mechanical and physical property values, and 7 standard designations from 5 regions.

DENSITY	OTHER DESIGNATIONS	PROPERTY VALUES
7.85 g/cm ³	7 in 5 regions	8 on file

Chemical composition

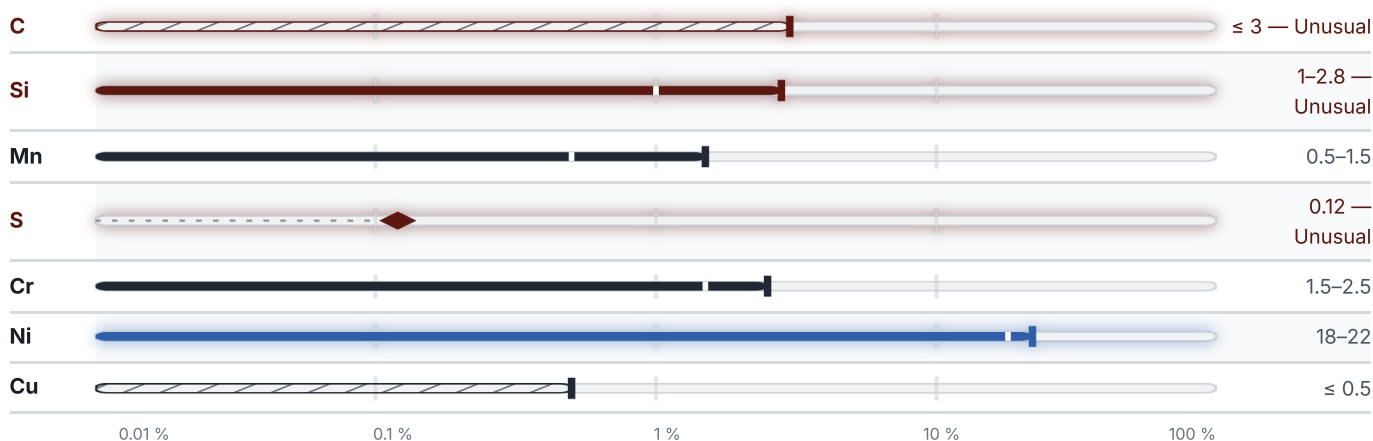
Mass fraction in %

What this alloy is



● Iron — the balance, never listed by a standard — 71.5 % ● Ni — 20 % ● C — 3 % ● Cr — 2 % ● Traces & impurities · 3.5 %

Logarithmic scale, 0.01 % to 100 % — every value here compares directly, decade by decade.



The scale is logarithmic, not the element's raw share of the alloy — the only honest way to fit 0.01 % and 100 % in one picture, and it means every value here can be compared with every other.

Predicted transformation temperatures

Not enough recorded composition to predict a transformation temperature for this grade — missing: Mo.

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm³

Designations across standards

7 designations · 2 documented as identical

Europe	2	United Kingdom	1
0.6660	din-en	L-NiCuCr202	bs
GGL-NiCr 20 2	This grade's own name din-en	France	1
United States	2	L-NC 202	afnor
F41002	This grade's own name uns	Sweden	1
A436 Type 2	aisi-sae	0523	ss

Note on use. The data is compiled to the best of our knowledge from publicly available standards and manufacturer documentation. It replaces neither material testing nor an inspection document to EN 10204. Please request a mill certificate to EN 10204 2.1, 3.1 or 3.2 together with your enquiry. The standard in its current valid edition always prevails.

Enquiry about 0523

Quotation, availability, mill certificate or a technical question — directly on the material page.

[Start an enquiry](#)

DATASHEET ONLINE	GRADE SEARCH	MATERIAL NO.	ISSUED
View the material page	Search all grades	0.6660	Aug 20, 2026