

MATERIAL NUMBER 2.4973 · CLASS 2.4

GH4141

Material no. 2.4973

also listed as NiCr19CoMo

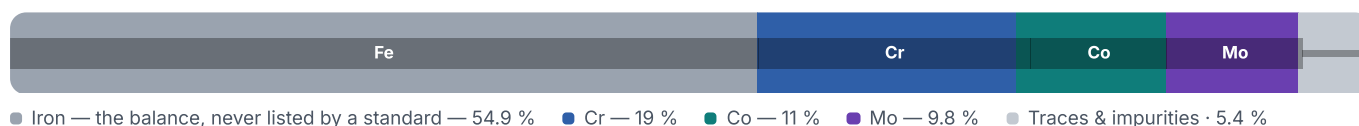
Chemical composition, mechanical and physical property values, and 10 standard designations from 5 regions.

DENSITY	OTHER DESIGNATIONS	PROPERTY VALUES
7.85 g/cm ³	10 in 5 regions	11 on file

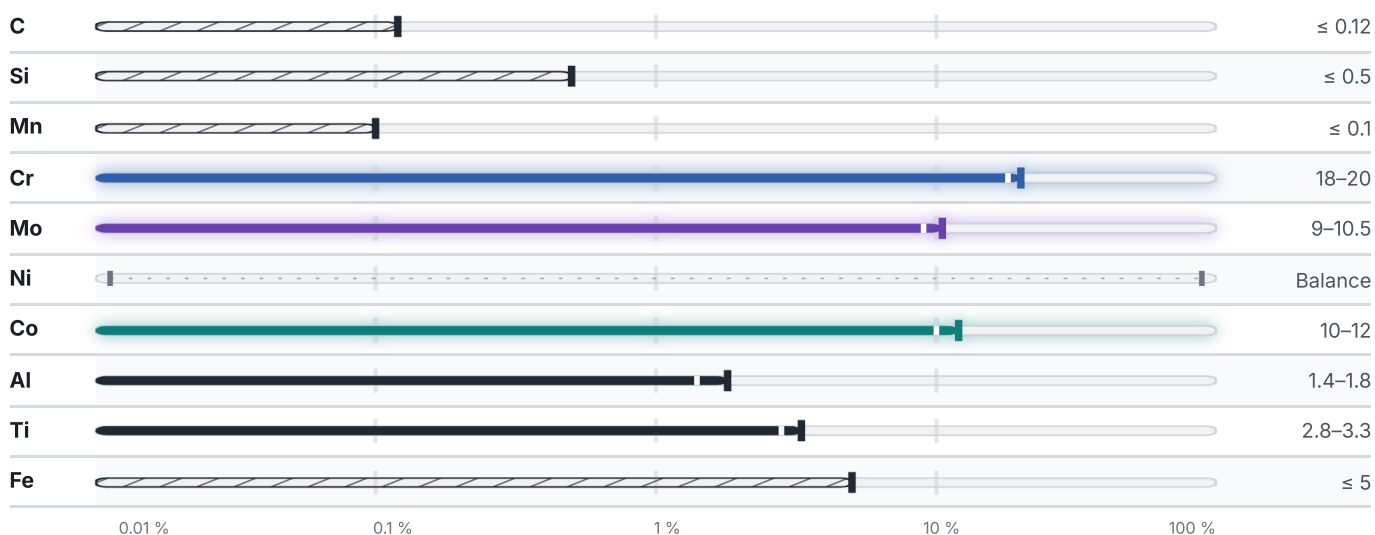
Chemical composition

Mass fraction in %

What this alloy is



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: Ni.

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm³

Designations across standards

10 designations · 3 documented as identical

United States / Aerospace		4	China		2
5545		ams	GH141		gb
5712		ams	GH4141		gb
5713		ams			
5800		ams	Europe		1
United States		2	NiCr19CoMo	This grade's own name	din-en
N07041	This grade's own name	uns	France		1
683	This grade's own name	aisi-sae	NC 19KDT		afnor

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 GH4141

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	2.4973	Aug 20, 2026