

MATERIAL NUMBER 2.4630 · CLASS 2.4

2.4630

Chemical composition, mechanical and physical property values, and 10 standard designations from 4 regions.

DENSITY 7.85 g/cm³	OTHER DESIGNATIONS 10 in 4 regions	PROPERTY VALUES 13 on file
------------------------------	--	--------------------------------------

Chemical composition

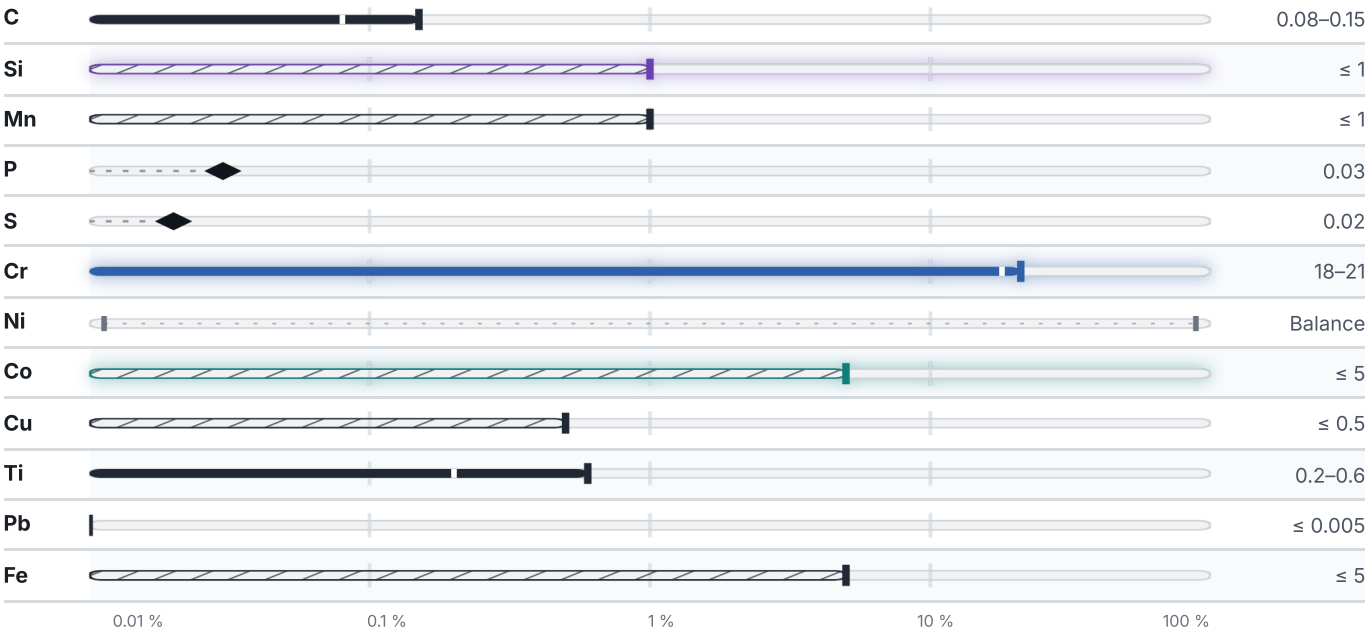
Mass fraction in %

What this alloy is



● Iron — the balance, never listed by a standard — 72.4 % ● Cr — 19.5 % ● Co — 5 % ● Si — 1 % ● Traces & impurities · 2.1 %

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, Mo.

Mechanical properties

1 values across 1 conditions

SOLUTION ANNEALED	HB
Solution annealed	230

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm³

Designations across standards

10 designations · 3 documented as identical

United Kingdom		6	United States		2
203-4	bs		N06075	This grade's own name	uns
703-B	bs		N06076	This grade's own name	uns
HR203	bs		Europe1		
HR403	bs				
HR5	bs		NiCr20Ti	This grade's own name	din-en
HR504	bs		France1		
			NC 20T		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 2.4630

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

Start an enquiry

DATASHEET ONLINE

View the material page

GRADE SEARCH

Search all grades

MATERIAL NO.

2.4630

ISSUED

Aug 20, 2026