

MATERIAL NUMBER 2.4633 · CLASS 2.4

BNI6025

Material no. 2.4633

also listed as NiCr25FeAlY

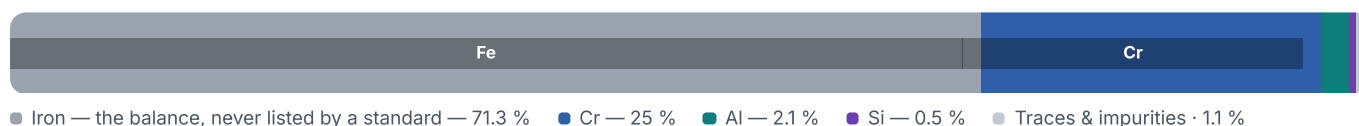
Chemical composition, mechanical and physical property values, and 15 standard designations from 3 regions.

DENSITY	OTHER DESIGNATIONS	PROPERTY VALUES
7.85 g/cm ³	15 in 3 regions	14 on file

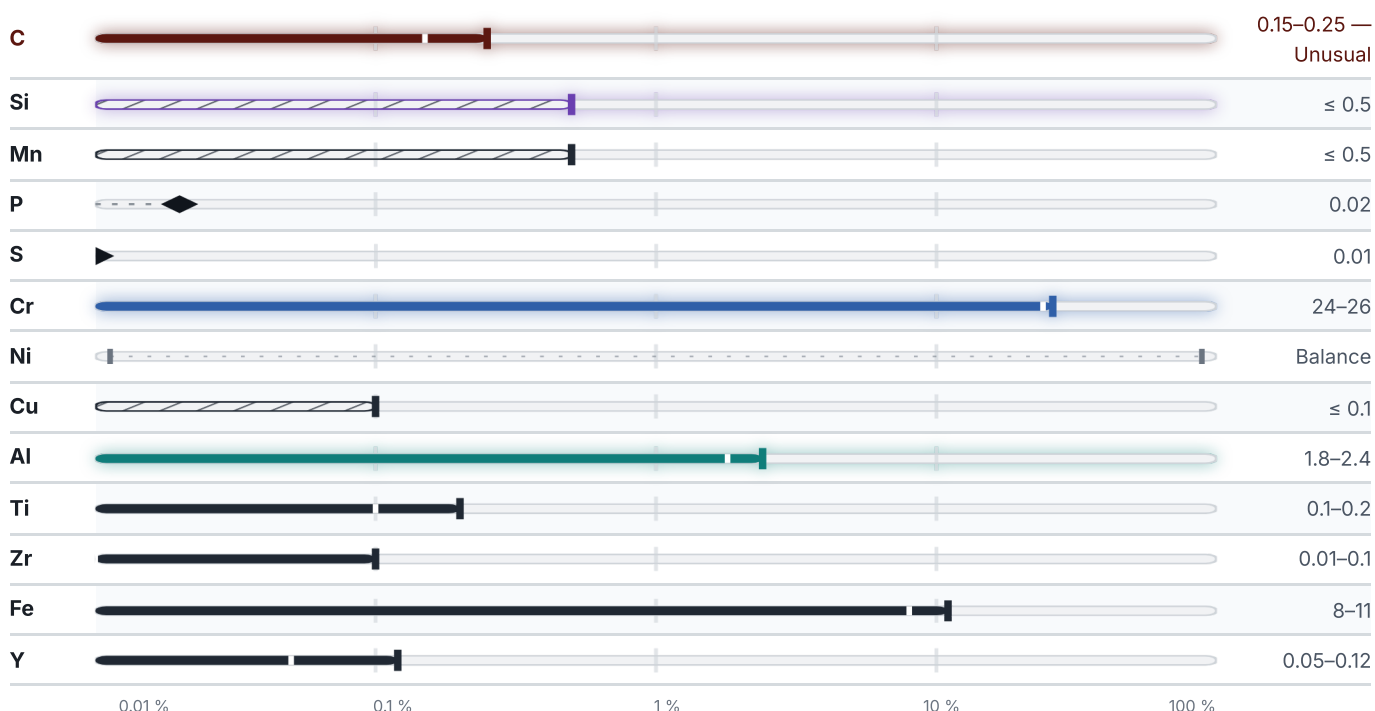
Chemical composition

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, Mo.

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm ³

Designations across standards

15 designations · 2 documented as identical

United States10		International4	
N06025	This grade's own nameuns	BNI6025	iso
B163	astm	ENi6025	iso
B166	astm	Ni6025	iso
B167	astm	NiCr25Fe10AlY	iso
B168	astm	Europe1	
B366	astm		
B462	astm	NiCr25FeAlY	This grade's own namedin-en
B517	astm		
B546	astm		
B564	astm		

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 BNI6025

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	2.4633	Aug 20, 2026