

MATERIAL NUMBER 1.5711 · CLASS 1.5

A3141

Material no. 1.5711

also listed as 40NiCr6

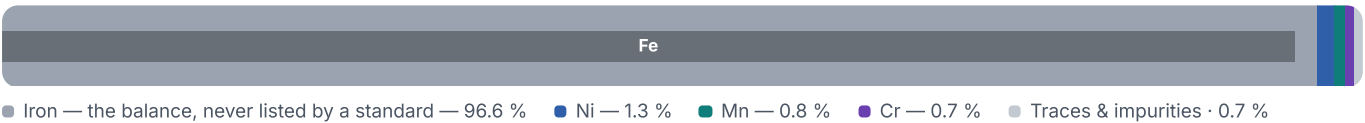
Chemical composition, mechanical and physical property values, and 19 standard designations from 7 regions.

DENSITY 7.85 g/cm ³	OTHER DESIGNATIONS 19 in 7 regions	PROPERTY VALUES 8 on file
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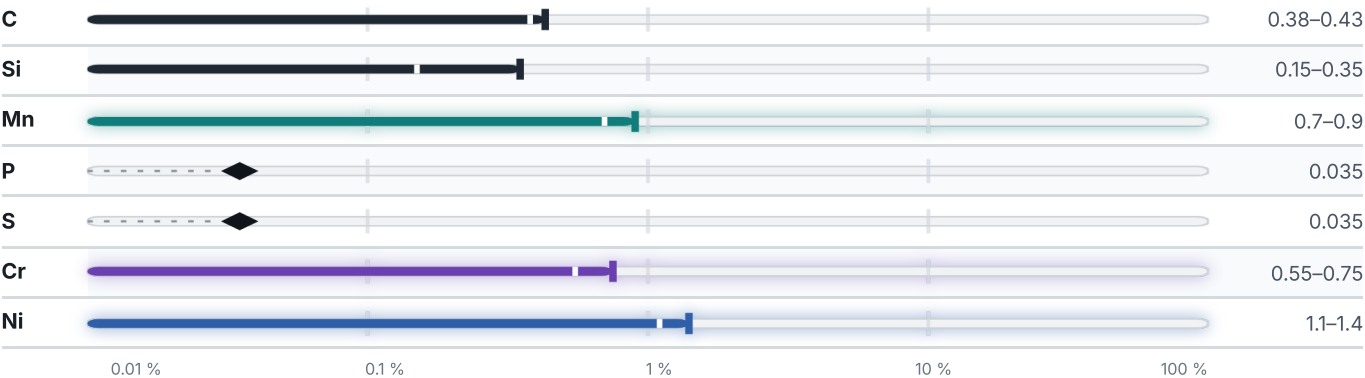
Chemical composition

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: Mo.

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm³

Designations across standards

19 designations · 5 documented as identical

United States9		France2	
G31400	This grade's own nameuns	30NC6	afnor
K22033	uns	35NC6	afnor
3135	aisi-sae	Russia / CIS2	
3140	This grade's own nameaisi-sae	40XHgost	
A3141	This grade's own nameaisi-sae	ct.40XHgost	
X3140	This grade's own nameaisi-sae	Europe1	
3135 3140	astm	40NiCr6This grade's own namedin-en	
3140H	astm	Japan1	
AMS 6330E	astm	SNC236jis	
United Kingdom3		China1	
640A35	bs	40CrNib	
640M40	bs		
EN111A	bs		

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 A3141

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	1.5711	Aug 20, 2026