

MATERIAL NUMBER 1.5639 · CLASS 1.5

16Ni14

Material no. 1.5639

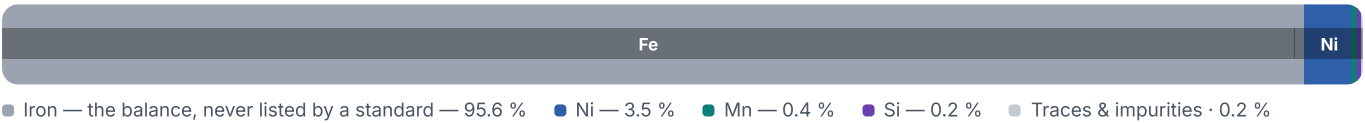
Chemical composition, mechanical and physical property values, and 21 standard designations from 9 regions.

DENSITY 7.85 g/cm ³	OTHER DESIGNATIONS 21 in 9 regions	PROPERTY VALUES 7 on file
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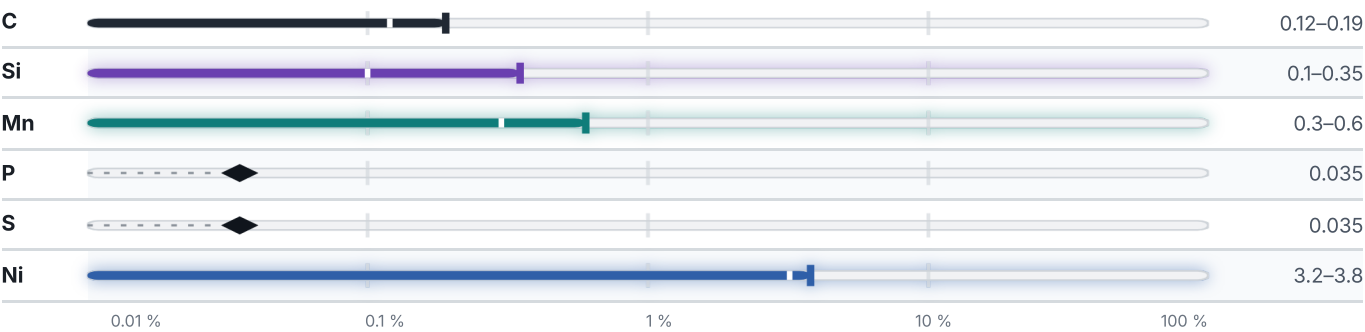
Chemical composition

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: Cr, Mo.

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm ³

Designations across standards

21 designations · 7 documented as identical

United States		7	Spain		2	
K31718	This grade's own name	uns	A-152		une	
K31918	This grade's own name	uns	F-152		une	
K32018	This grade's own name	uns	China			2
K32025	This grade's own name	uns	07Ni5DR		gb	
K32026	This grade's own name	uns	08Ni3DR		gb	
K41583		uns	Europe			1
A2317	This grade's own name	aisi-sae	16Ni14	This grade's own name	din-en	
Japan		4	France			1
G3127 gr. SL3N255		jis	Z10N05		afnor	
G3127 gr. SL3N440		jis	International			1
G3127 gr. SL5N590		jis	X9Ni5		iso	
G3464 gr. STBL450		jis	Hungary			1
United Kingdom		2	AH80		msz	
BS1501 Gr 503		bs				
BS3603 gr. 503LT		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 16Ni14

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	1.5639	Aug 20, 2026