

MATERIAL NUMBER 1.5639 · CLASS 1.5

A2317

Material no. 1.5639

also listed as 16Ni14

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

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

Chemical composition

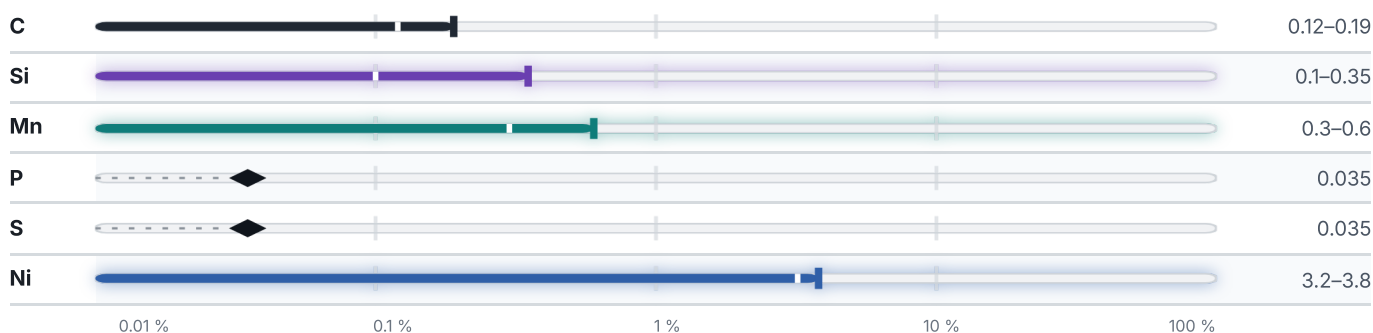
Mass fraction in %

What this alloy is



● Iron — the balance, never listed by a standard — 95.6 % ● Ni — 3.5 % ● Mn — 0.4 % ● Si — 0.2 % ● Traces & impurities · 0.2 %

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/cm³

Designations across standards

21 designations · 7 documented as identical

United States7		Spain2	
K31718	This grade's own nameuns	A-152	une
K31918	This grade's own nameuns	F-152	une
K32018	This grade's own nameuns	China2	
K32025	This grade's own nameuns	07Ni5DR	gb
K32026	This grade's own nameuns	08Ni3DR	gb
K41583	uns	Europe1	
A2317	This grade's own nameaisi-sae	16Ni14	This grade's own namedin-en
Japan4		France1	
G3127 gr. SL3N255	jis	Z10N05	afnor
G3127 gr. SL3N440	jis	International1	
G3127 gr. SL5N590	jis	X9Ni5	iso
G3464 gr. STBL450	jis	Hungary1	
United Kingdom2		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 A2317

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