

MATERIAL NUMBER 1.6755 · CLASS 1.6

4718H

Material no. 1.6755

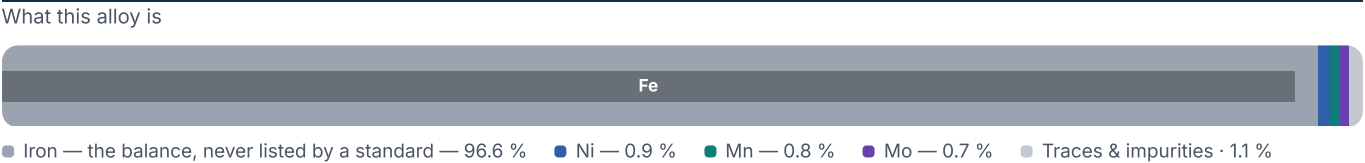
also listed as 22NiMoCr4-7

Chemical composition, mechanical and physical property values, and 7 standard designations from 2 regions.

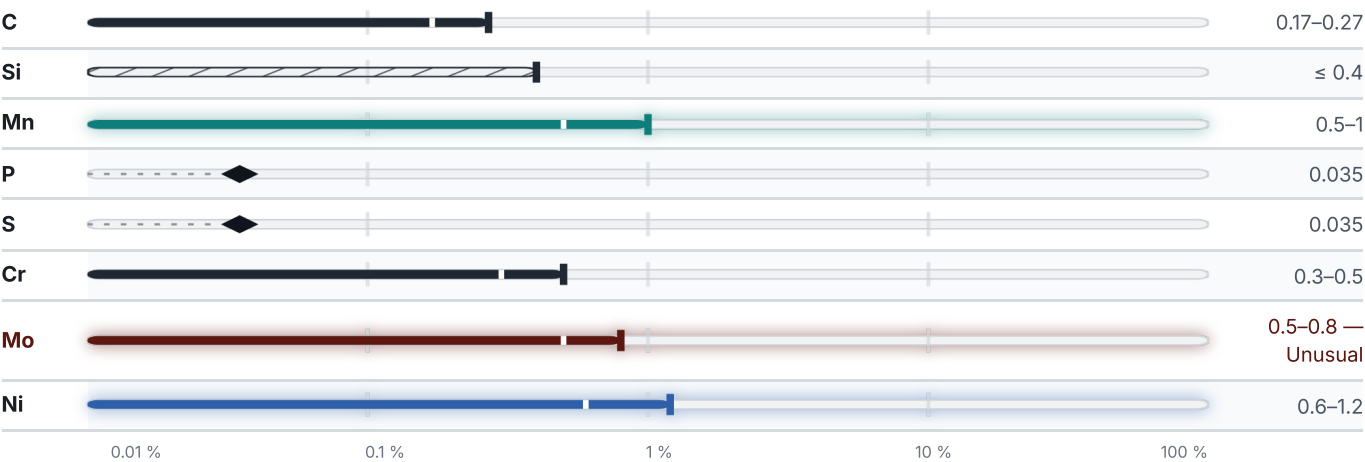
DENSITY 7.85 g/cm³	OTHER DESIGNATIONS 7 in 2 regions	PROPERTY VALUES 9 on file
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Chemical composition

Mass fraction in %



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

computed from composition · °C

PREDICTED AE3 788 °C	PREDICTED AE1 712 °C	PREDICTED ACM 495 °C	PREDICTED BS 519 °C
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Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm³

Designations across standards

7 designations · 7 documented as identical

United States		6	Europe		1
G47180	This grade's own name	uns	22NiMoCr4-7	This grade's own name	din-en
H47180	This grade's own name	uns			
K12766	This grade's own name	uns			
4718	This grade's own name	aisi-sae			
4718H	This grade's own name	aisi-sae			
EX28	This grade's own name	aisi-sae			

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 4718H

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	1.6755	Aug 20, 2026