

MATERIAL NUMBER 1.7357 · CLASS 1.7

J12072

Material no. 1.7357

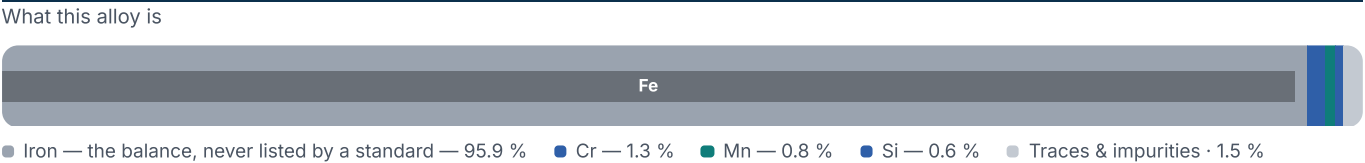
also listed as G17CrMo5-5

Chemical composition, mechanical and physical property values, and 9 standard designations from 3 regions.

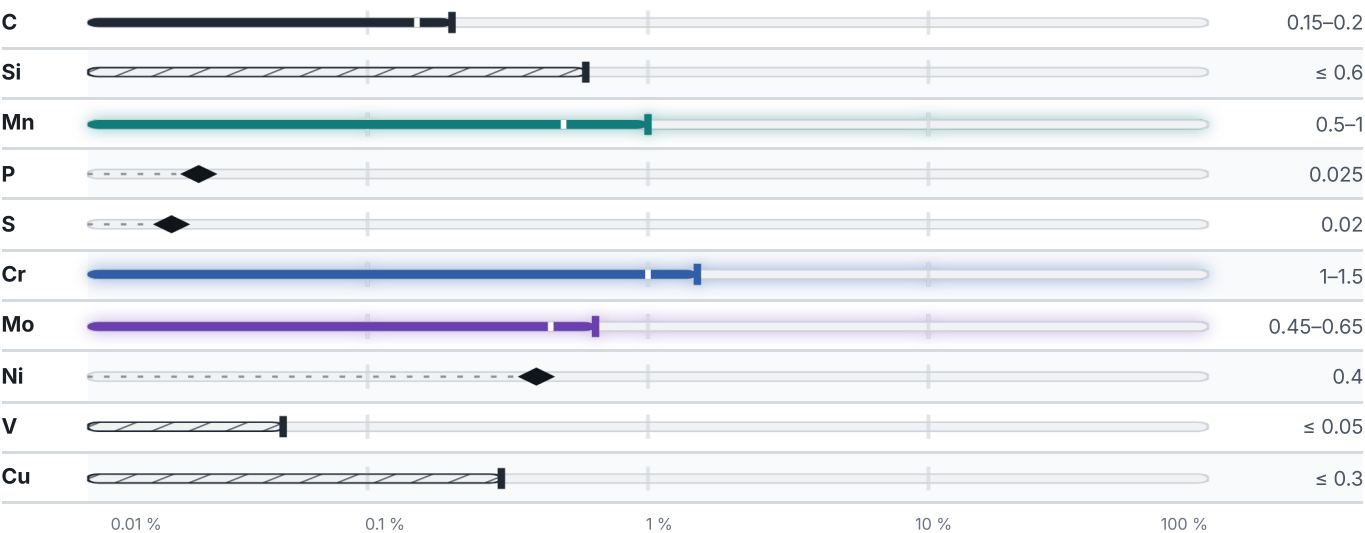
DENSITY 7.85 g/cm³	OTHER DESIGNATIONS 9 in 3 regions	PROPERTY VALUES 11 on file
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Chemical composition

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 822 °C	PREDICTED AE1 751 °C	PREDICTED ACM 480 °C	PREDICTED BS 507 °C
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Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm³

Designations across standards

9 designations · 8 documented as identical

United States		6	Europe		2
J11872	This grade's own name	uns	G17CrMo5-5	This grade's own name	din-en
J12072	This grade's own name	uns	GS-17 CrMo 5 5	This grade's own name	din-en
J12073	This grade's own name	uns			
K11568	This grade's own name	uns	China		1
K11598	This grade's own name	uns	ZG20CrMoV		gb
K12073	This grade's own name	uns			

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 J12072

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	1.7357	Aug 20, 2026