

MATERIAL NUMBER 1.7357 · CLASS 1.7

J12073

Material no. 1.7357

also listed as G17CrMo5-5

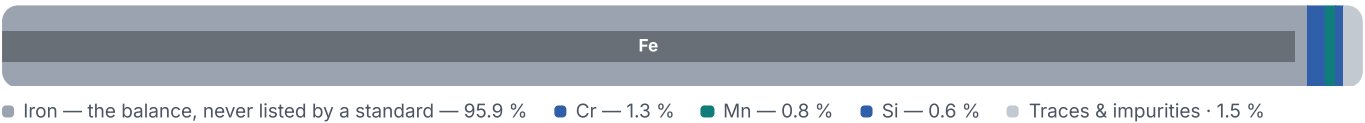
Chemical composition, mechanical and physical property values, and 9 standard designations from 3 regions.

DENSITY 7.85 g/cm ³	OTHER DESIGNATIONS 9 in 3 regions	PROPERTY VALUES 11 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

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 States6		Europe2	
J11872	This grade's own nameuns	G17CrMo5-5	This grade's own namedin-en
J12072	This grade's own nameuns	GS-17 CrMo 5 5	This grade's own namedin-en
J12073	This grade's own nameuns		
K11568	This grade's own nameuns	China1	
K11598	This grade's own nameuns	ZG20CrMoVgb	
K12073	This grade's own nameuns		

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 J12073

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