

MATERIAL NUMBER 1.8973 · CLASS 1.8

StE 415.7 TM

Material no. 1.8973

also listed as L415MB

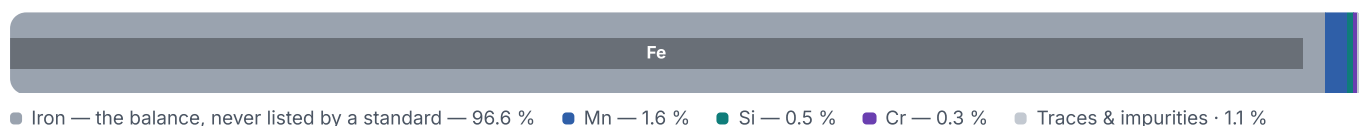
Chemical composition, mechanical and physical property values, and 3 standard designations from 2 regions.

DENSITY	OTHER DESIGNATIONS	PROPERTY VALUES
7.85 g/cm ³	3 in 2 regions	15 on file

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 818 °C	PREDICTED AE1 713 °C	PREDICTED ACM 404 °C	PREDICTED BS 553 °C
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Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm³

Designations across standards

3 designations · 2 documented as identical

Europe	2	United States	1
L415MB This grade's own name	din-en	X60	aisi-sae
StE 415.7 TM This grade's own name	din-en		

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 StE 415.7 TM

Quotation, availability, mill certificate or a technical question — directly on the material page.

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ISSUED
Aug 20, 2026