

MATERIAL NUMBER 1.5218 · CLASS 1.5

A350(LF6CL1)

Material no. 1.5218

also listed as 22MnV6

Chemical composition, mechanical and physical property values, and 26 standard designations from 14 regions.

DENSITY

7.85 g/cm³

OTHER DESIGNATIONS

26 in 14 regions

PROPERTY VALUES

10 on file

Chemical composition

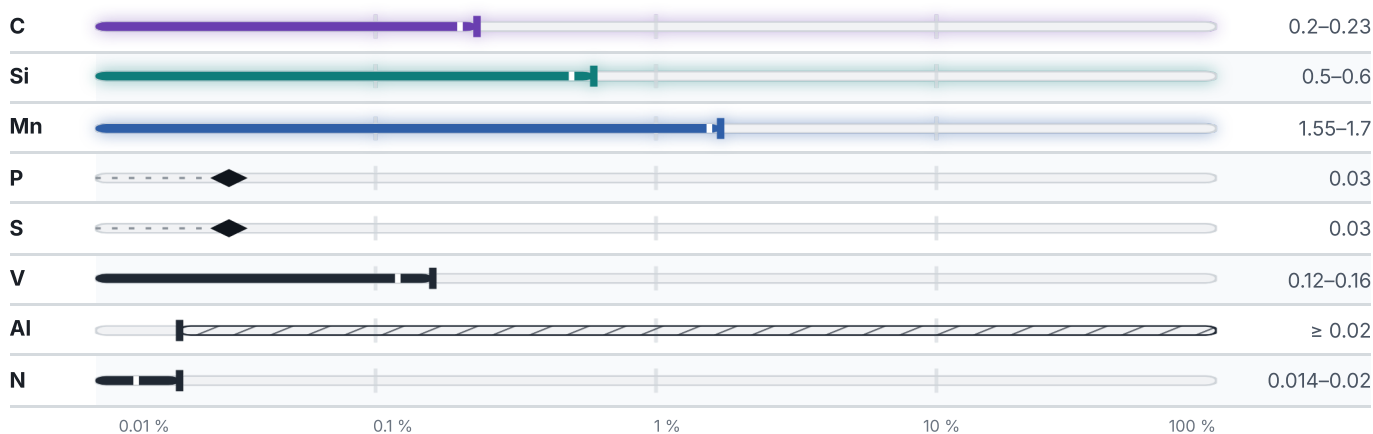
Mass fraction in %

What this alloy is



● Iron — the balance, never listed by a standard — 97.4 % ● Mn — 1.6 % ● Si — 0.6 % ● C — 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: Ni, Cr, Mo.

Mechanical properties

3 values across 1 conditions

CONDITION · DIMENSION	RM N/mm ²	RE N/mm ²	A5 %
Sheet	600	450	19

Physical properties

2 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm ³

Technological properties

PROPERTY	VALUE	UNIT
Weldability	without limitations.	

Heat treatment

1 regimes

STEP	TEMPERATURE	MEDIUM
source joins the operations with + / procedural order		
Normalizing	Temperature not stated	—
Tempering	Temperature not stated	—

Designations across standards

26 designations · 1 documented as identical

United States		5	Japan		2
A350(LF6CL1)	aisi-sae		SM520B		jis
A350(LF6CL2)	aisi-sae		SM520C		jis
A350(LF6CL3)	aisi-sae		Russia / CIS		2
K02900	aisi-sae		18G2AF		gost
K12202	aisi-sae		18Г2АФ		gost
China		3	Italy		2
15MnVNR	gb		FeE460KG		uni
18MnMoNbR	gb		P460N		uni
Q460C	gb		Poland		2
United Kingdom		2	18G2AV		pn
55F	bs		19G2FA		pn
P460N	bs		Europe		1
Spain		2	22MnV6	This grade's own name	din-en
AE460KG	une		France		1
P460N	une		P460N		afnor

Sweden	1	Hungary	1
2143	SS	E460D	MSZ
Czechia	1	Switzerland	1
13220	CSN	StE47	SNV

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 A350(LF6CL1)
Quotation, availability, mill certificate or a technical question — directly on the material page.

[Start an enquiry](#)

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