

MATERIAL NUMBER 1.0335 · CLASS 1.0

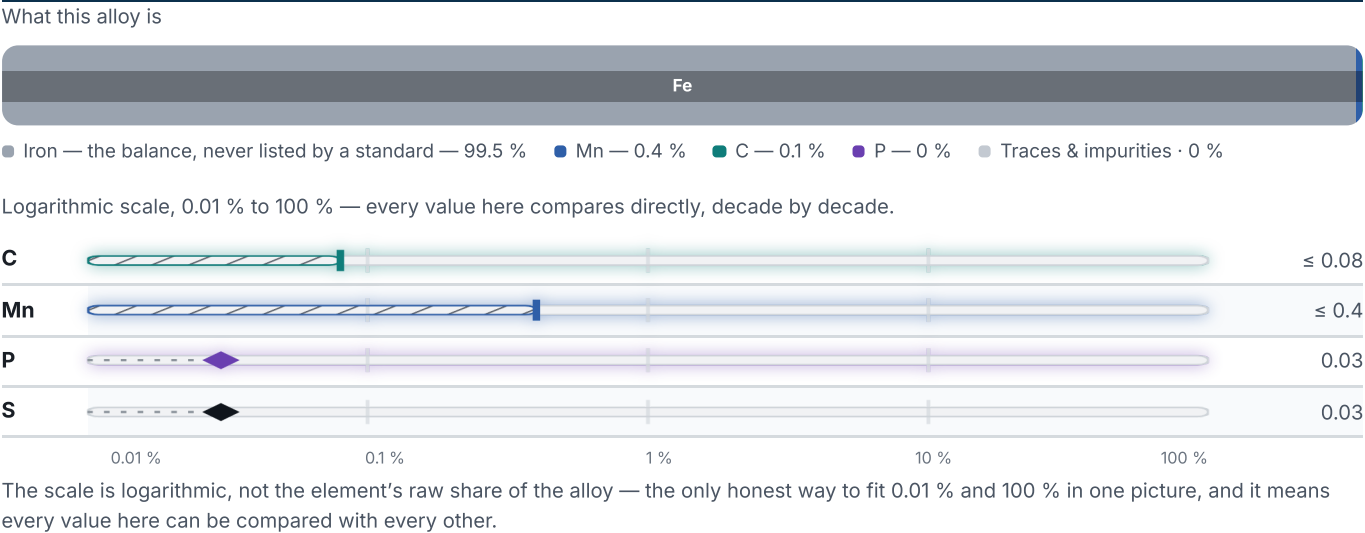
1.0335

Chemical composition, mechanical and physical property values, and 20 standard designations from 12 regions.

DENSITY 7.85 g/cm³	OTHER DESIGNATIONS 20 in 12 regions	PROPERTY VALUES 5 on file
------------------------------	---	-------------------------------------

Chemical composition

Mass fraction in %



Predicted transformation temperatures

Not enough recorded composition to predict a transformation temperature for this grade — missing: Si, Ni, Cr, Mo.

Mechanical properties

15 values across 4 conditions

CONDITION · DIMENSION	REH N/mm²	A80 % · Lo = 80 mm	A % · Lo = 5,65 √So
1 – 2	170–330	–	–
1 – 1.5	–	27	–
1.5 – 2	–	28	–

CONDITION · DIMENSION	REH N/mm ²	A80 % · Lo = 80 mm	A % · Lo = 5,65 √So
2 – 11	170–310	–	–
2 – 3	–	29	–
3 – 11	–	–	33

CONDITION · DIMENSION	RM N/mm ²	A %
Plate/Sheet	270	31–41

CONDITION · DIMENSION	RM N/mm ²	A %
Plate/Sheet Hot-rolled	270	31–41

CONDITION · DIMENSION	RM N/mm ²	RE N/mm ²	A5 %	Z %	KCU kJ/m ²
Blank for pipe	638	373	16	40	390

Physical properties

1 values

PROPERTY	VALUE	UNIT
Density	7.85	g/cm ³

Designations across standards

20 designations · 5 documented as identical

United States	4	France	1
G10060 This grade's own name	uns	3C	afnor
1006 This grade's own name	aisi-sae		
A622DQ	aisi-sae	Spain	1
DS	aisi-sae	AP13	une
Europe	3	International	1
DD 13 This grade's own name	din-en	HR4	iso
DS	din-en		
StW 24 This grade's own name	din-en	Russia / CIS	1
		08kp	gost
Czechia	3	Italy	1
11304	csn	FeP13	uni
11305	csn		
11330	csn	Australia / New Zealand	1
Japan	2	1006	as-nzs
SPHE	jis	South Korea	1
SPHE-AK	jis		
United Kingdom	1	SPHE This grade's own name	ks
HR1	bs		

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 1.0335
Quotation, availability, mill certificate or a technical question — directly on the material page.

Start an enquiry

DATASHEET ONLINE
View the material page

GRADE SEARCH
Search all grades

MATERIAL NO.
1.0335

ISSUED
Aug 20, 2026