

1 1

16

(%)



Element	Concentration Range (wt.%)	Concentration (wt.%)
C	≤ 0.03	~0.01
Si	≤ 0.75	~0.5
Mn	≤ 1	~0.8
P	≤ 0.03	~0.01
S	≤ 0.03	~0.01
Cr	24–26	~25
Mo	2.5–3.5	~3
Ni	5.5–7.5	~6.5
W	0.1–0.5	~0.3
Cu	0.2–0.8	~0.5
N	0.1–0.3	~0.2

0.01 % 0.1 % 1 % 10 % 100 %

. 0.01% 100%

5

	E GPa	ALPHA 10^-6/K	LAMBDA W/(m·K)	CP J/(kg·K)
20	228	—	—	—
100	225	11.5	—	—
200	219	12.6	—	—
300	210	12.3	—	—
400	203	12.7	25	—
500	—	—	—	500

228	GPa
11.5	10^-6/K
15	W/(m·K)
500	J/(kg·K)
750	nΩ·m

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022Cr25Ni7Mo3WCuN gb

EN 10204	EN 10204 2.1, 3.1	3.2
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022Cr25Ni7Mo3WCuN

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