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Element	Symbol	Color
Iron	Fe	Grey
Chromium	Cr	Blue
Nickel	Ni	Green
Molybdenum	Mo	Purple

(0.01 %~100 %) —

Element	Concentration Range
C	≤ 0.08
Si	≤ 1
Mn	≤ 2
P	≤ 0.045
S	≤ 0.03
Cr	16-18
Mo	2-3
Ni	10-13
N	0.1-0.16

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	E GPa	ALPHA 10^-6/K	LAMBDA W/(m·K)	CP J/(kg·K)
20	200	—	—	—

	E GPa	ALPHA 10 ⁻⁶ /K	LAMBDA W/(m·K)	CP J/(kg·K)
100	194	16	16.3	—
200	186	16.5	—	—
300	179	17	—	—
400	172	17.5	—	—
500	165	18	21.5	500

200	GPa
16.5	10 ⁻⁶ /K
15	W/(m·K)
500	J/(kg·K)
730	nΩ·m

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06Cr17Ni12Mo2N	gb
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EN 10204	EN 10204 2.1, 3.1	3.2
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06Cr17Ni12Mo2N

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