

Alloy Composition

Alloy: Custom 455

Nominal Composition in Percent:

Ni	8.00
Cr	11.75
Mo	0.50
Fe	Balance
Si	0.50
Mn	0.50
C	0.050
Ti	1.100
Cu	2.00
P	0.040
S	0.030
Cb+Ta	0.30

UNS Number: S45500

Other Standard Specifications: AMS 5860

Density: 7.75 g/cm³ (0.280 lbs/in²)

Exceptional Properties: High Strength

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