

material no.: 2.4675  
 UNS no.: N06200  
 designation: Alloy C2000 ®

**CHEMICAL REQUIREMENTS IN (%)**

	ASTM B564/574	VdTÜV Werkstoffblatt 539
Mo	15,0 - 17,0	15,0 - 17,0
Cr	22,0 - 24,0	22,0 - 24,0
Fe, max.	3,0	3,0
Co, max.	2,0	2,0
C, max.	0,010	0,010
Si, max.	0,08	0,08
Mn, max.	0,50	0,50
P, max.	0,025	0,025
S, max.	0,010	0,010
Ni	Bal.	Bal.
Al, max.	0,50	0,5
Cu	1,3 - 1,9	1,3 - 1,9

**MECHANICAL PROPERTIES**

<b>solution annealed</b>	bar	forging	bar / forging
	ASTM B574	ASTM B564	D ≤ 90 mm
R <sub>m</sub> (MPa)	≥ 690		690 - 950
R <sub>p 0,2</sub> (MPa)	≥ 310		≥ 310
R <sub>p 1,0</sub> (MPa)			≥ 330
A (%)	≥ 45		≥ 45
Av (J)			≥ 120

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