

material no.: 1.4529  
 UNS no.: N08926  
 designation: Alloy 926

## CHEMICAL REQUIREMENTS IN (%)

	ASTM B649	VdTÜV Werkstoffblatt 502	DIN EN 10088-3
C, max.	0,020	0,020	0,020
Mn, max.	2,00	1,00	1,00
P, max.	0,03	0,030	0,030
S, max.	0,01	0,010	0,010
Si, max.	0,5	0,50	0,50
Ni	24,00 - 26,00	24,00 - 26,00	24,0 - 26,0
Cr	19,00 - 21,00	20,0 - 21,0	19,0 - 21,0
Mo	6,0 - 7,0	6,0 - 7,0	6,0 - 7,0
Cu	0,5 - 1,5	0,5 - 1,5	0,50 - 1,50
N	0,15 - 0,25	0,15 - 0,25	0,15 - 0,25
Fe	Bal.		

## MECHANICAL PROPERTIES

### solution annealed

	bar	bar / forging	semi-finished / bar	
		D ≤ 200 mm	D ≤ 160 mm	160 mm < D ≤ 250 mm
R <sub>m</sub> (MPa)	≥ 650	600 - 800	650 - 850	
R <sub>p0,2</sub> (MPa)	≥ 295	≥ 300	≥ 300	
R <sub>p1,0</sub> (MPa)		≥ 340	≥ 340	
A (%)	≥ 35	≥ 40	l ≥ 40	q ≥ 35
Av (J)		≥ 120	l ≥ 100*	q ≥ 60*

\* optional

All information are supplied without liability.