

material no.: 2.4817
 UNS no.: —
 designation: Alloy 600 L

CHEMICAL REQUIREMENTS IN (%)

DIN 17742

Ni, min.	72,0
Cr	14,0 - 17,0
Fe	6,0 - 10,0
Mn, max.	1,00
C, max.	0,025
Cu, max.	0,50
Si, max.	0,50
S, max.	0,015
P, max.	0,020
Al, max.	0,30
Ti, max.	0,30
B, max.	0,006

MECHANICAL PROPERTIES
annealed

bar

 D ≤ 160 mm
 DIN 17752

R _m (MPa)	≥ 550
R _{p 0,2} (MPa)	≥ 170
R _{p 1,0} (MPa)	≥ 200
A (%)	≥ 30
hardness (HBW 2,5/62,5)	max. 195

solution annealed

bar

 D ≤ 100 mm
 DIN 17752

R _m (MPa)	≥ 500
R _{p 0,2} (MPa)	≥ 160
R _{p 1,0} (MPa)	≥ 190
A (%)	≥ 35
hardness (HBW 2,5/62,5)	max. 185

All information are supplied without liability.