

CHEMICAL REQUIREMENTS IN (%)

ASTM B637/B805

C, max.	0,03
Mn, max.	0,35
Si, max.	0,20
P, max.	0,015
S, max.	0,010
Cr	19,00 - 22,50
Mo	7,00 - 9,50
Cb (Nb) + Ta	2,75 - 4,00
Ti	1,00 - 1,70
Al, max.	0,35
Fe	balance
Ni	55,0 - 59,0

MECHANICAL PROPERTIES

 solution annealed +
 precipitation hardened

 bar / forging
 ASTM B637

 bar
 ASTM B805
 D ≤ 254 mm

R _m (MPa)	≥ 1034	≥ 1137
R _{p 0,2} (MPa)	≥ 827	
A (%)	≥ 20	
Z (%)	≥ 35	
hardness	max. 43 HRC	

All information are supplied without liability.