



Alloy 90

(UNS N07090) W. Nr. 2.4632

Chemical composition	C	Si	Cu	Fe	Mn	Cr	Ti	Al	Co
% Present (Max)	0.13	1.0	0.2	1.5	1.0	18.0-21	2.0-3.0	1.0-2.0	15.0-21.0
Chemical composition	B	Su	Pb	Zr	Ni				
% Present (Max)	0.02	0.015	0.0020	0.15	Bal				

Alloy 90 is a wrought nickel-chromium-cobalt base alloy strengthened by additions of titanium and aluminum. It has been developed as an age-hardenable creep resisting alloy for service at temperatures up to 920°C (1688°F). The alloy is used for turbine blades, discs and forgings.

Note: Values are in accordance with EN 10088 specifications. Actual mill certs available upon request.

