CEWELD SA 307

certilas® THE FILLER METAL SPECIALIST

TYPE	Solid stainless steel welding wire
APPLICATIONS	Rails, as a buffer layer on concrete crushers
PROPRIÉTÉS	Moderate strength with very high resistance against cracking because of its high elongation. Flux FL 880 or FL 838

CLASSIFICATION

AWS	A 5.9: ~ER 307
EN ISO	14343-A: S 18 8 Mn
W.Nr.	1.4370
F-nr	6
FM	5

CONVIENT POUR

19%Cr, 9%Ni Type, ISO 15608: 8.1 , 1.4316
1.4306, 1.4301, 1.4541, 1.4550, 1.4311, 1.4546, 1.4312, 1.4300, 1.4312, 1.4371, 1.4541, 1.4543, 1.4550, 1.4452
X2CrNi 19 11 (TP), X4CrNi 18 10 (TP), X6CrNiTi 18 10 (TP), X6CrNiNb 18 10 (TP), X2CrNiN 18 10 (TP), X5CrNiNb 18 10, G-X10CrNi 18 8 (TP)
AISI 202, 302, 304L, 304, 305, 321, 347, 304 LN,
ASTM A320 Grade B8C/D

AGRÉMENTS: CE

POSITIONS DE SOUDAGE

TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

C	Si	Mn	P	S	Cr	Ni
0.09	0.7	6.5	0.02	0.02	18	8

PROPRIÉTÉS MÉCANIQUES

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Impact Energy (J) ISO-V	Hardness
				RT	
As Welded	400	600	34	80	HRc

ETUVAGE: Not required

GAS ACC. EN ISO 14175