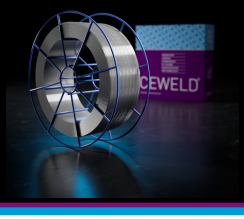


CEWELD 310

certilas® THE FILLER METAL SPECIALIST

TYPE	High heat resistant stainless steel welding wire
TOEPASSINGEN	Common applications include industrial furnaces, annealing chambers, fused salt treatment installations and boiler parts, as well as heat exchangers.
EIGENSCHAPPEN	Solid drawn ,corrosion-resistant, chromium-nickel wire for welding heat-resistant austenitic steels of the 25% Cr, 20% Ni types. CEWELD 310 has good general oxidation resistance, especially at high temperatures, due to its high Cr content. The alloy is fully austenitic and is therefore sensitive to hot cracking. The temperature limits for use under intermittent oxidation depend on cycle frequency. This alloy can withstand relatively severe thermic shock, and is superior to type 309 L.

CLASSIFICATIE

AWS	A 5.9: ER310
EN ISO	14343-A: G 25 20
W.Nr.	1.4842
F-nr	6
FM	5

GESCHIKT VOOR

ISO 15608: 8.1 Austenitic ≤ 19 % Cr , TÜV 1000: Gr. 21-30, Type: 25% Cr, 22%Ni
1.4710, 1.4713, 1.4724, 1.4726, 1.4742, 1.4745, 1.4762, 1.4823, 1.4826, 1.4828, 1.4832, 1.4835,1.4837, 1.4840, 1.4841, 1.4845, 1.4846, 1.4848, 1.4849, 253MA,
X15CrNiSi 25 20, G-X40CrNiSi 25 12, G-X15CrNi 25 20, X8CrNi25-21
AISI 305, 310, 314 ASTM A297 HF / A297HJ

GOEDKEURINGEN: CE

LASPOSITIES

TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

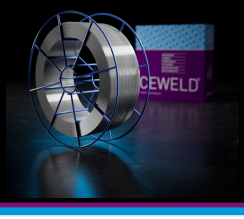
C	Si	Mn	Cr	Ni	Mo
0.1	0.5	1.8	26	21	0.3

MECHANISCHE WAARDEN

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Impact Energy (J) ISO-V		Hardness
				RT	-196°C	
As Welded	395	560	45	130	40	HRc

HERDROGEN: Not required

GAS ACC. EN ISO 14175: M13



CEWELD 310

310 0,8MM

Packaging	KG/unit	EanCode
BS-300	15	8720663415998
D-200	5	8720663415837

310 1,0MM

Packaging	KG/unit	EanCode
BS-300	15	8720663416001
D-200	5	8720663416025
Drum	250	8720663416018

310 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663416032
D-200	5	8720663416049

310 1,6MM

Packaging	KG/unit	EanCode
BS-300	15	8720663416056