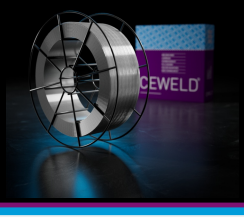


CEWELD NiCrCo 617

certilas® THE FILLER METAL SPECIALIST

TYPE

Nickel based alloy with high heat resistance combined with excelent mechanical strength

ANWENDUNGEN

CEWELD NiCrCo 617 is a high temperature alloy which is used for welding of nickel-chromium-cobalt-molybdenum alloys (UNS Number N06617). This filler metal can also be used for overlay cladding where similar alloy is required such as gasturbines and ethylene equimpent.

EIGENSCHAFTEN

Weld metal provides optimum strength and oxidation resistance above 815 °C (1500°F) up to 1149 °C (2100°F), especially when welding on base metals of nickel-iron-chromium alloys.

KLASSIFIKATION

AWS	A 5.14: ERNiCrCoMo-1
EN ISO	18274: S Ni 6617(NiCr22Co12Mo9)
W.Nr.	2.4627
F-nr	43
FM	6

GEEIGNET FÜR

E Ni 6617(NiCr22Co12Mo), ENiCrCoMo-1, 2.4628
2.4608, 2.4663, 2.4851, 1.4876, 1.4859, 1.4952, 1.4958, 1.4959,
NiCr26MoW, NiCr21Co12Mo, NiCr23Co12Mo, NiCr23Fe, X6CrNiNbN 25 20, X5NiCrAlTi 31 20,
X8NiCrAlTi 32 21, X10 NiCrAlTi 32 21, GX10 NiCrSiNb 32 20,
UNS: N06601, N06617, N08810, N08811
Inconel Alloys 600 and 601, Incoloy Alloys 800 HT and 802 and cast Alloys such as HK-40, HP and HP-45 Modified, Alloy 617, Alloy 333

ZULASSUNGEN

SCHWEISSPOSITIONEN

TYPISCHE CHEMISCHE ANALYSE DES FÜLLMETALLS (%)

C	Si	Mn	Cr	Ni	Mo	Ti	Fe	Co	Al
0.1	0.8	0.8	22	50	9	0.4	2.5	13	1

MECHANISCHE GÜTEWERTE

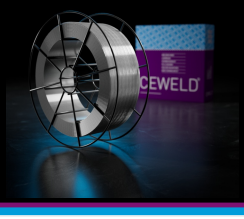
Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Impact Energy (J) ISO-V	Hardness
				RT	
As Welded	480	760	32	120	HRc

RÜCKTROCKNUNG

Not required

GAS ACC. EN ISO 14175

I1



CEWELD NiCrCo 617

NICRCO 617 0,8MM

Packaging	KG/unit	EanCode
BS-300	15	8720663419569

NICRCO 617 0,9MM

Packaging	KG/unit	EanCode
BS-300	13,6	8720663419576

NICRCO 617 1,14MM

Packaging	KG/unit	EanCode
BS-300	13,60	8720663419583

NICRCO 617 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663419590

NICRCO 617 1,6MM

Packaging	KG/unit	EanCode
BS-300	13,6	8720663419651