

CEWELD Alloy C-276

TYPE Nickel based filler metal for welding similar NiCrMo alloys.

ANWENDUNGEN CEWELD® Alloy C276 is used for welding materials of similar composition. This low carbon nickel-chromium-molybdenum filler metal can also be used for dissimilar welding between nickel base alloys and stainless steels, as well as for surfacing and cladding on low alloyed steels.

EIGENSCHAFTEN Due to high molybdenum content this alloy offers excellent resistance too stress & corrosion cracking, pitting and crevice corrosion. High mechanical properties with excellent weldability.

KLASSIFIKATION

AWS	A 5.14: ERNiCrMo-4
EN ISO	18274: S Ni 6276 (NiCr15Mo16Fe6W4)
W.Nr.	2.4887
F-nr	43
FM	6

GEEIGNET FÜR **Alloy 276, Ni 6276 (NiCr15Mo16Fe6W4). 2.4886, 2.4887**
M.No: 1.5680, 1.5682, 2.4819, 2.4883
 NiMo16Cr15W, X12Ni5 / 12Ni19, X8Ni9, G-NiMo16Cr
 Alloy C4, Hastelloy C276, A494CW-12MW, A743 / A744CW-12M

ZULASSUNGEN

SCHWEISSPOSITIONEN



TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

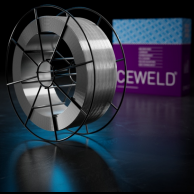
C	Si	Mn	P	S	Cr	Ni	Mo	V	Fe	W	Co	Cu
0.01	0.07	0.4	0.02	0.01	15.5	70	16	0.2	5	3.5	1	0.2

MECHANISCHE GÜTEWERTE

Heat Treatment	R _{P0.2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V		Hardness
				RT	-196°C	
As Welded	470	740	32	100	60	HRc

RÜCKTROCKNUNG Not required

GAS ACC. EN ISO 14175 11



CEWELD Alloy C-276

ALLOY C-276 0,8MM	Packaging	KG/unit	EanCode
	BS-300	13,6	8720663420091
ALLOY C-276 0,9MM	Packaging	KG/unit	EanCode
	BS-300	13,6	8720663420077
ALLOY C-276 1,0MM	Packaging	KG/unit	EanCode
	BS-300	13,6	8720663420084
ALLOY C-276 1,14MM	Packaging	KG/unit	EanCode
	BS-300	13,6	8720663420107
ALLOY C-276 1,2MM	Packaging	KG/unit	EanCode
	BS-300	15	8720663420114
ALLOY C-276 1,6MM	Packaging	KG/unit	EanCode
	BS-300	15	8720663420121
	BS-300	13,6	8720663420138