



CEWELD Alloy C-276

TYPE Filler metal for welding similar NiCrMo C276 alloys.

APPLICATIONS 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.

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

CLASSIFICATION

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

SUITABLE FOR **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

APPROVALS No Approvals Found

WELDING POSITIONS

TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

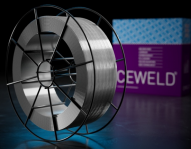
C	Si	Mn	P	S	Cr	Ni	Mo	V	Fe	W	Co	Cu
0.01	0.07	0.4	0.02	0.01	15.5	70	16	0.2	5	3.5	1	0.2

ALL WELD MECHANICAL PROPERTIES

Heat Treatment	R _{p0,2} MPa	R _m MPa	A5 (%)	Impact Energy (J) ISO-V	
				RT	-196°C
As Welded /	470	740	32	100	60

REDRYING TEMPERATURE Not required

GAS ACCORDING EN 14175 I1



CEWELD Alloy C-276

ALLOY C-276 0,8MM

Type	KG/unit	EANCode
BS-300	13,6	8720663420091

ALLOY C-276 0,9MM

Type	KG/unit	EANCode
BS-300	13,6	8720663420077

ALLOY C-276 1,0MM

Type	KG/unit	EANCode
BS-300	13,6	8720663420084

ALLOY C-276 1,14MM

Type	KG/unit	EANCode
BS-300	13,6	8720663420107

ALLOY C-276 1,2MM

Type	KG/unit	EANCode
BS-300	15	8720663420114

ALLOY C-276 1,6MM

Type	KG/unit	EANCode
BS-300	15	8720663420121
BS-300	13,6	8720663420138