

CEWELD AA C-276

TYPE

APPLICATIONS

PROPRIÉTÉS

CLASSIFICATION

CONVIENT POUR

AGRÉMENTS

POSITIONS DE SOUDAGE

ANALYSE CHIMIQUE
TYPIQUE DU MÉTAL DE
SOUDURE (%)

PROPRIÉTÉS MÉCANIQUES

ETUVAGE

GAS ACC. EN ISO 14175

Rutile flux-cored nickel based welding wire for gas shielded arc welding.

AA C-276 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 super austenitic stainless steels, as well as for surfacing and cladding on low alloyed steels.

Due to high molybdenum content this alloy offers excellent resistance to stress & corrosion cracking, pitting and crevice corrosion. High mechanical properties with excellent weldability due to improved wetting compare to solid wire.

AWS
EN ISO
W.Nr.
F-nr
FM

A 5.34: E NiCrMo4T1-4
12153-A: T Ni 6276 (NiCr15Mo15Fe6W4) P M21 2
2.4886
43
5

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

PA

PB

PC

PD

PE

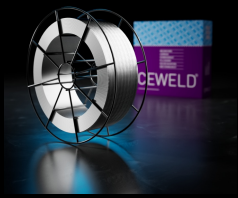
PF

C	Si	Mn	Cr	Ni	Mo	Fe	W	P	S
0.018	0.16	0.75	15.5	58	16	6	3.5	0.015	0.015

Heat Treatment	R _{P0.2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V		Hardness
				-100°C	-196°C	
As Welded	450	750	48	60	55	HRc

140°C / 24 hr

M21



CEWELD AA C-276

AA C-276 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663418845