CEWELD AA C-276

certilas® THE FILLER METAL SPECIALIST

TYPE

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

APPLICATIONS

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.

PROPRIÉTÉS

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.

CLASSIFICATION

AWS	A 5.34: E NiCrMo4T1-4
EN ISO	12153-A: T Ni 6276 (NiCr15Mo15Fe6W4) P M21 2
W.Nr.	2.4886
F-nr	43
FM	5

CONVIENT POUR

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

AGRÉMENTS

POSITIONS DE SOUDAGE

ANALYSE CHIMIQUE TYPIQUE DU MÉTAL DE SOUDURE (%)

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

PROPRIÉTÉS MÉCANIQUES

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Impact Energy (J) ISO-V		Hardness
				-100°C	-196°C	
As Welded	450	750	48	60	55	HRc

ETUVAGE

140°C / 24 hr

GAS ACC. EN ISO 14175

M21

CEWELD AA C-276

AA C-276 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663418845