



CEWELD AA C-276

TYPE Rutile flux-cored nickel based welding wire for gas shielded arc welding.(Type 2.4878, C-276)

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.

PROPERTIES 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.	2.4887
F-nr	43
FM	5

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

WELDING POSITIONS



TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

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

MECHANICAL PROPERTIES

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

REDRYING 140°C / 24 hr

GAS ACC. EN ISO 14175 M21



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AA C-276 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663418845