



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.	2.4886								
	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