



# CEWELD E Alloy C-276

TYPE	Nickel based electrode (SMAW)	
ANWENDUNGEN	CEWELD® E Alloy 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 stainless steels, as well as for surfacing and cladding on low alloyed steels.	
EIGENSCHAFTEN	Due to high molybdenum content this alloy offers excellent resistance too stress & corrosion cracking, pitting and crevice corrosion. High mechanical properties with excellent weldability on DC+.	
KLASSIFIKATION	AWS	A 5.11: E NiCrMo-4
	EN ISO	14172: E Ni 6276
	W.Nr.	2.4887
	F-nr	43
	FM	6
GEEIGNET FÜR	<b>Nickel-based alloys such as alloy 276 ( and 5% ( 9% ) Ni Steel )</b> <b>M.No:</b> 1.5680, 1.5682, 2.4819, 2.4883 NiMo16Cr15W, X12Ni5 / 12Ni19, X8Ni9, G-NiMo16Cr Alloy C4, Hastelloy C276, A494CW-12MW, A743 / A744CW-12M	

ZULASSUNGEN

SCHWEISSPOSITIONEN



TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

C	Si	Mn	Cr	Ni	Mo	Fe	W
0.01	0.1	0.8	15.5	60	16	5.5	3.2

MECHANISCHE GÜTEWERTE

Heat Treatment	R <sub>P0.2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Hardness
As Welded	500	760	29	HRc

RÜCKTROCKNUNG 300°C / 2 hr

GAS ACC. EN ISO 14175



# CEWELD E Alloy C-276

E ALLOY C-276 2,4 X 229MM	Packaging	KG/unit	EanCode
	Can	2,27	8720663420466
E ALLOY C-276 3,2 X 356MM	Packaging	KG/unit	EanCode
	Can	2,27	8720663420473
E ALLOY C-276 4,0 X 356MM	Packaging	KG/unit	EanCode
	Can	2,27	8720663420480