

CEWELD ERTi-1

TYPE	Solid Titanium welding wire Grade 1 (purest grade). ERTi-1																	
TOEPASSINGEN	CEWELD ERTi-1 is the lowest strength unalloyed (or Commercially Pure-CP) grade. Used in applications where ductility is paramount, such as explosive cladding, loose linings, expanded metal, and deep drawing applications. It is also used in electrolytic applications like coated anode substrates for production of chlorine and sodium chlorate. It is the purest grade and is suitable for welding Titanium grade 1, 2, 3 and 4 . With the restriction that the mechanical properties are much less than Grade 2, 3 and 4.																	
EIGENSCHAPPEN	The weld deposit of CEWELD ERTi-1 is ductile and offers excellent corrosion resistance in oxidizing environments. The purity and corrosion resistance makes the alloy a preferred choice in many applications to prevent or solve problems. The wire is cleaned in a very special way to obtain porosity free and a ductile weld deposits																	
CLASSIFICATIE	AWS A 5.16: ERTi-1 EN ISO 24034: S Ti 0100 / Ti99,8 W.Nr. 3.7026 F-nr 51																	
GESCHIKT VOOR	3.7025, ~3.7035, ~3.7065 Titanium Grade 1, ~2, ~3 and ~4.																	
GOEDKEURINGEN	CE																	
LASPOSITIONS	 PA  PB  PC																	
TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)	<table border="1"> <thead> <tr> <th>C</th><th>H</th><th>N</th><th>O</th><th>Ti</th><th>Fe</th></tr> </thead> <tbody> <tr> <td>0.02</td><td>0.004</td><td>0.01</td><td>0.05</td><td>Rem.</td><td>0.05</td></tr> </tbody> </table>						C	H	N	O	Ti	Fe	0.02	0.004	0.01	0.05	Rem.	0.05
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HERDROGEN	Not required																	
GAS ACC. EN ISO 14175	I1																	