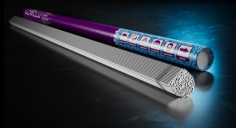




CEWELD ERTi-1 Tig

TYPE	Solid Titanium welding wire Grade 1 (purest grade)													
TOEPASSINGEN	CEWELD ERTi-1 Grade 1 is the lowest strength unalloyed (or Commercially Pure-CP) grade. Grade 1 is 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.													
EIGENSCHAPPEN	The weld deposit 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 Titan Grade 1, ~Grad2, Grad3, ~ Grad4													
GOEDKEURINGEN														
LASPOSITIES														
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	<table border="1"> <thead> <tr> <th>C</th> <th>H</th> <th>N</th> <th>O</th> <th>Fe</th> <th>Ti</th> </tr> </thead> <tbody> <tr> <td>0.02</td> <td>0.004</td> <td>0.01</td> <td>0.05</td> <td>0.05</td> <td>Rem.</td> </tr> </tbody> </table>	C	H	N	O	Fe	Ti	0.02	0.004	0.01	0.05	0.05	Rem.	
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0.02	0.004	0.01	0.05	0.05	Rem.									
MECHANISCHE WAARDEN	<table border="1"> <thead> <tr> <th>Heat Treatment</th> <th>R_{P0,2} (MPa)</th> <th>R_m (MPa)</th> <th>A₅ (%)</th> <th>Hardness</th> </tr> </thead> <tbody> <tr> <td>As Welded</td> <td>250</td> <td>320</td> <td>24</td> <td>HRc</td> </tr> </tbody> </table>	Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness	As Welded	250	320	24	HRc			
Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness										
As Welded	250	320	24	HRc										
HERDROGEN	Not required													
GAS ACC. EN ISO 14175	I1													



CEWELD ERTi-1 Tig

ERTI-1 TIG 1,2 X 1000MM	Packaging	KG/unit	EanCode
	Tube	2,5	8720663406330
ERTI-1 TIG 1,6 X 1000MM	Packaging	KG/unit	EanCode
	Tube	2,5	8720663406347
ERTI-1 TIG 2,0 X 1000MM	Packaging	KG/unit	EanCode
	Tube	2,5	8720663406354
ERTI-1 TIG 2,4 X 1000MM	Packaging	KG/unit	EanCode
	Tube	2,5	8720663406361