



CEWELD AL 4Ni0,2Ti Tig

TYPE	Special aluminium alloy for TIG welding with high Nickel content..																		
ANWENDUNGEN	Filler metal for welding Aluminium alloys with maximum 4% Nickel. This Nickel alloyed Aluminium filler metal is originally developed for welding power conductors that require higher strength.																		
EIGENSCHAFTEN	Excellent weldability and improved mechanical strength due to its high Nickel content. The weld deposit is free from porosity due to the special shaving process and cleaning method during production. Thicker sections should be preheated (150°C) prior to welding.																		
KLASSIFIKATION																			
GEEIGNET FÜR	Filler metal for welding Aluminium alloys with maximum 4% Nickel																		
ZULASSUNGEN	CE																		
SCHWEISSPOSITIONEN																			
TYPISCHE CHEMISCHE ANALYSE DES FÜLLMETALLS (%)	<table border="1" data-bbox="363 864 1406 949"> <thead> <tr> <th>Be</th> <th>Mn</th> <th>Si</th> <th>Ni</th> <th>Fe</th> <th>Cu</th> <th>Al</th> <th>Zn</th> <th>Ti</th> </tr> </thead> <tbody> <tr> <td>0.0001</td> <td>0.01</td> <td>0.1</td> <td>4</td> <td>0.1</td> <td>0.01</td> <td>96</td> <td>0.01</td> <td>0.15</td> </tr> </tbody> </table>	Be	Mn	Si	Ni	Fe	Cu	Al	Zn	Ti	0.0001	0.01	0.1	4	0.1	0.01	96	0.01	0.15
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MECHANISCHE GÜTEWERTE	<table border="1" data-bbox="363 999 1406 1120"> <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>20</td> <td>65</td> <td>35</td> <td>HRc</td> </tr> </tbody> </table>	Heat Treatment	R _{p0,2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness	As Welded	20	65	35	HRc								
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As Welded	20	65	35	HRc															
RÜCKTROCKNUNG	Not required																		
GAS ACC. EN ISO 14175	I1																		



CEWELD AL 4Ni0,2Ti Tig

AL 4Ni0,2Ti TIG 2,0 X
1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663424525

AL 4Ni0,2Ti TIG 2,4 X
1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663408006

AL 4Ni0,2Ti TIG 3,2 X
1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663424549