



CEWELD 308L Tig

TYPE	Stainless steel Tig filler metal for welding CrNi 18/10 types.(Type 308L, 19 9 L)																	
APPLICATIONS	Boilers, agriculture, liquid storage tanks, food machinery, furniture.																	
PROPERTIES	CEWELD® 308L Tig has good general corrosion resistance. The alloy has a low carbon content, making it particularly recommended where there is a risk of intergranular corrosion.																	
CLASSIFICATION	AWS	A 5.9: ER308L																
	EN ISO	14343-A: W 19 9 L																
	W.Nr.	1.4316																
	F-nr	6																
	FM	5																
SUITABLE FOR	ISO 15608: 8.1 Austenitic ≤ 19 % Cr 9%Ni , TÜV 1000: Gr. 21 - 22 (29 max.350°C), 1.4301, 1.4306, 1.4307, 1.4308, 1.4311, 1.4312, 1.4316, 1.6900, 1.6901, 1.6902, 1.6903, 1.9606, 1.4541, 1.4546, 1.4550 X 5 CrNi 18 10, X 2 CrNi 19 11, X 5 CrNi 18 9, G-X 6 CrNi 18 9, X 12 CrNi 18 9, G-X 8 CrNi 18 10, X 6 CrNi 18 10, X 10 CrNiTi 18 10, X 5 CrNi 18 10 AISI 304, 304H, 312, 321H, 347, 347H, UNS S30409, S32109, S34709, S30400, S32100, S34700																	
APPROVALS	CE																	
WELDING POSITIONS																		
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	<table border="1"> <thead> <tr> <th>C</th> <th>Si</th> <th>Mn</th> <th>P</th> <th>S</th> <th>Cr</th> <th>Ni</th> </tr> </thead> <tbody> <tr> <td>0.02</td> <td>0.5</td> <td>1.5</td> <td>0.015</td> <td>0.015</td> <td>20</td> <td>10</td> </tr> </tbody> </table>	C	Si	Mn	P	S	Cr	Ni	0.02	0.5	1.5	0.015	0.015	20	10			
C	Si	Mn	P	S	Cr	Ni												
0.02	0.5	1.5	0.015	0.015	20	10												
MECHANICAL PROPERTIES	<table border="1"> <thead> <tr> <th rowspan="2">Heat Treatment</th> <th rowspan="2">R_{P0,2} (MPa)</th> <th rowspan="2">R_m (MPa)</th> <th rowspan="2">A₅ (%)</th> <th colspan="2">Impact Energy (J) ISO-V</th> <th rowspan="2">Hardness</th> </tr> <tr> <th>RT</th> <th>-196°C</th> </tr> </thead> <tbody> <tr> <td>As Welded</td> <td>420</td> <td>595</td> <td>37</td> <td>120</td> <td>47</td> <td>HRC</td> </tr> </tbody> </table>	Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V		Hardness	RT	-196°C	As Welded	420	595	37	120	47	HRC	
Heat Treatment	R _{P0,2} (MPa)					R _m (MPa)	A ₅ (%)		Impact Energy (J) ISO-V		Hardness							
		RT	-196°C															
As Welded	420	595	37	120	47	HRC												
REDRYING	Not required																	
GAS ACC. EN ISO 14175	I1																	



CEWELD 308L Tig

308L TIG 1,2 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663412348

308L TIG 1,6 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663412355

308L TIG 2,0 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663412362

308L TIG 2,4 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663412379

308L TIG 3,2 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663412386