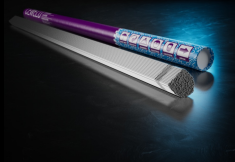




# CEWELD 309LSi Tig

TYPE	Roestvaststalen toevoegmateriaal voor ongelijksoortig lassen tussen staal en roestvast staal																
TOEPASSINGEN	Bufferlagen voor hardfacing, ongelijke verbindingen tussen ferritische en austenitische staalsoorten.																
EIGENSCHAPPEN	Hoge mechanische eigenschappen en zeer goede lasbaarheid dankzij een verhoogd siliciumgehalte, geschikt voor bedrijfstemperaturen tot 300 °C.																
CLASSIFICATIE	<table border="0"> <tr> <td>AWS</td> <td>A 5.9: ER309LSi</td> </tr> <tr> <td>EN ISO</td> <td>14343-A: W 23 12 L Si</td> </tr> <tr> <td>W.Nr.</td> <td>1.4432</td> </tr> <tr> <td>F-nr</td> <td>6</td> </tr> <tr> <td>FM</td> <td>5</td> </tr> </table>	AWS	A 5.9: ER309LSi	EN ISO	14343-A: W 23 12 L Si	W.Nr.	1.4432	F-nr	6	FM	5						
AWS	A 5.9: ER309LSi																
EN ISO	14343-A: W 23 12 L Si																
W.Nr.	1.4432																
F-nr	6																
FM	5																
GESCHIKT VOOR	<p><b>ISO 15608: 8.1 Austenitic ≤ 19 % Cr , TÜV 1000: Gr. 21-30, 23% Cr, 12%Ni Type</b>  <b>ISO 15608: Gr. 8.1 mix 1.1, 1.2, 1.3, 2.1, 2.2, 3.1 , 3.2</b>            1.2780, 1.4541, 1.4550, <b>1.4710, 1.4712, 1.4713, 1.4724, 1.4729, 1.4740, 1.4741, 1.4742, 1.4746,</b>            1.4762, 1.4745, <b>1.4825, 1.4826, 1.4828, 1.4832, 1.4878,</b>            X15CrNiSi20 12, G-X 40 CrNiSi20 9,            AISI 446, AISI442, AISI309,            UNS S30900, S44200, S44600</p>																
GOEDKEURINGEN	TÜV: TÜV (12394.00), CE																
LASPOSITIES																	
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>0.7</td> <td>1.7</td> <td>0.01</td> <td>0.01</td> <td>24</td> <td>13</td> </tr> </tbody> </table>	C	Si	Mn	P	S	Cr	Ni	0.02	0.7	1.7	0.01	0.01	24	13		
C	Si	Mn	P	S	Cr	Ni											
0.02	0.7	1.7	0.01	0.01	24	13											
MECHANISCHE WAARDEN	<table border="1"> <thead> <tr> <th rowspan="2">Heat Treatment</th> <th rowspan="2">R<sub>P0,2</sub> (MPa)</th> <th rowspan="2">R<sub>m</sub> (MPa)</th> <th rowspan="2">A<sub>5</sub> (%)</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>535</td> <td>640</td> <td>37</td> <td>140</td> <td>50</td> <td>HRC</td> </tr> </tbody> </table>	Heat Treatment	R <sub>P0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Impact Energy (J) ISO-V		Hardness	RT	-196°C	As Welded	535	640	37	140	50	HRC
Heat Treatment	R <sub>P0,2</sub> (MPa)					R <sub>m</sub> (MPa)	A <sub>5</sub> (%)		Impact Energy (J) ISO-V		Hardness						
		RT	-196°C														
As Welded	535	640	37	140	50	HRC											
HERDROGEN	Not required																
GAS ACC. EN ISO 14175	I1																



# CEWELD 309LSi Tig

309LSI TIG 1,0 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663413987
309LSI TIG 1,2 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663414007
309LSI TIG 1,6 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663413994
309LSI TIG 1,6 X 500MM	Packaging	KG/unit	EanCode
	Tube	5	8720663414014
309LSI TIG 2,0 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663414021
309LSI TIG 2,0 X 500MM	Packaging	KG/unit	EanCode
	Tube	5	8720663414045
309LSI TIG 2,4 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663414069
309LSI TIG 2,4 X 500MM	Packaging	KG/unit	EanCode
	Tube	5	8720663414083
309LSI TIG 3,2 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663414090
309LSI TIG 4,0 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663414182