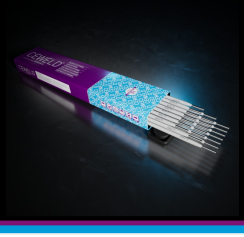


CEWELD 4462 Ti

certilas® THE FILLER METAL SPECIALIST

TYPE

Rutile basic electrode for welding duplex stainless steels

APPLICATIONS

CEWELD® 4462 Ti are used for pipe work and general fabrication in the offshore oil and gas and chemical process industries. Also suitable for cladding steels to obtain corrosion resistant layers..

PROPERTIES

CEWELD® 4462 Ti is a rutile basic electrode for welding austenitic-ferritic stainless alloys of the 22% Cr, 5% Ni, 3% Mo types. 2209 has high general corrosion resistance. In media containing chloride and hydrogen sulphide, the alloy has a high resistance to intergranular corrosion, pitting and especially to stress corrosion. The alloy is used in a variety of applications across all industrial segments.

CLASSIFICATION

AWS	A 5.4: E 2209-17
EN ISO	3581-A: E 22 9 3 N L R 12
F-nr	5
FM	5
W.Nr.	1.4462

SUITABLE FOR

ISO 15608: 10.1-10.2 Austenitic > 24 % Cr ≤ 4% Ni, DUPLEX 2209, 22%Cr 9%Ni 3%Mo
1.4417, 1.4462, 1.4362, 1.4162, 1.4463, 1.4460, 1.4583
X 2 CrNiMoSi 19 5, X 2 CrNiN 23 4, X 2 CrNiMoN 22 5 3, X10CrNiMoNb18-12
316LN, 318LN
UNS S31803, S32205, S32304
SAF 2205 Fafer 4462, NKCr22, SM22Cr, Falc 223 UR 45N & UR 45N+, 2101, 2205, UR 35 N SAF 2304
mix 1.4462 X2CrNiMoN22-5-3 mit P235GH/ P265GH, S255N, P295GH, S355N, 16Mo3

APPROVALS

CE

WELDING POSITIONS

TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

C	Si	Mn	P	S	Cr	Ni	Mo	N
0.015	0.8	1.1	0.02	0.015	22.5	9.5	3.8	0.15

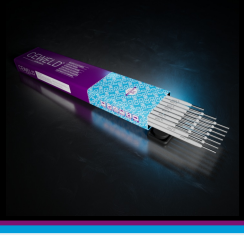
ALL WELD MECHANICAL PROPERTIES

Heat Treatment	$R_{P0,2}$ MPa	Rm MPa	A5 (%)	Impact Energy (J) ISO-V RT
As Welded /	610	700	26	55

REDRYING TEMPERATURE

300°C / 2 hr

GAS ACCORDING EN 14175



CEWELD 4462 Ti

certilas® THE FILLER METAL SPECIALIST

4462 TI 2,5 X 300MM	Type	KG/unit	EANCode
	Can	2,5	8720663413123

4462 TI 3,2 X 350MM	Type	KG/unit	EANCode
	Can	2,8	8720663413130

4462 TI 4,0 X 350MM	Type	KG/unit	EANCode
	Can	2,8	8720663413154

4462 TI 5,0 X 450MM	Type	KG/unit	EANCode
	Can	3,2	8720663413161