CEWELD AA 2594

certilas® THE FILLER METAL SPECIALIST

TYPE	Rutile fluxcored wire for Super Duplex (Zeron 100)
ANWENDUNGEN	Duplex stainless steels in chemical industry such as offshore, tubing, vessel, boilers etc
EIGENSCHAFTEN	CEWELD® AA 2594 is a flux cored wire designed for welding 25Cr type duplex stainless steels especially for Super Duplex grade, PRE (Pitting Resistance Equivalent) is over 45.

KLASSIFIKATION

AWS	A 5.22: ~E2594T1-1, A 5.22: ~E2594T1-4
EN ISO	17633-A: T 25 9 4 N L P M21 1
W.Nr.	~1.4501
F-nr	6
FM	5

GEEIGNET FÜR

ISO 15608: 10.2-10.3 Austenitic > 24 % Cr ≤ 4% Ni, DUPLEX 2594, 25%Cr 9%Ni 4%Mo
1.4410, 1.4467, 1.4468, 1.4501, 1.4507, 1.4508, 1.4515, 1.4517, 1.4569
X2 CrNiMoCuN 25-6-3, X2 CrNiMoN 25-7-4, GX2 CrNiMoN 25-6-3, GX2 CrNiMoCuN 26-6-3, GX2 CrNiMoCuN 25-6-3-3, X2 CrNiMoCuWN 25-7-4, X2CrMnNiMoN26-5-4, X 2 CrNiMoN 26 7 4, GX2CrNiMoCuWN25-8-4
UNS S32520, S32550, S32750, S39274, S39277, S39553, S32760, J93380, J93404
Ferralium 255, SAF 2507, ZERON 100, UR 76 N, SM22Cr, SAF 2507, Alloy 2507, Alloy 2594, Super Duplex, Uranus® 47N

ZULASSUNGEN

CE

SCHWEISSPOSITIONEN

TYPISCHE CHEMISCHE ANALYSE DES SCHWEISSMETALLS (%)

C	Si	Mn	P	S	Cr	Ni	Mo	N
0.025	0.6	1.4	0.025	0.015	26	9	3	0.15

MECHANISCHE GÜTEWERTE

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Impact Energy (J) ISO-V			Hardness
				-20°C	-40°C	-80°C	
As Welded	720	920	27	50	40	30	HRc

RÜCKTROCKNUNG

140°C / 24 hr

GAS ACC. EN ISO 14175

M21

CEWELD AA 2594

AA 2594 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663414793
D-200	5	8720663414809