

Standards

TS EN ISO 14343-A	: W 25 9 4 N L
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AWS A5.9	: ER2594

Chemical Composition of Welding Wire % (Typical)

C	Si	Mn	Cr	Ni	Mo
0.02	0.35	0.70	25.0	9.00	3.80

Mechanical Properties

Yield Strength (N/mm ²)	Tensile Strength (N/mm ²)	Elongation ((L ₀ =5d ₀) (%))	Impact Strength (ISO-V/+20°C)
min. 550	min. 760	min. 18	min. 47 J

Typical Base Material Grades

- (1.4501)X2CrNiMoCuWN25-7-4, (1.4515)GX3CrNiMoCuN26-6-3, (1.4517)GX3CrNiMoCuN25-6-3-3, UNS S 32750, S 32760 ZERON 100, SAF 25/07, FALC100

Features and Applications

- GeKa ELOX SG 2594 is a super duplex welding wire.
- Used for the welding Austenitic-Ferritic stainless alloys of %25 Cr, %9 Ni, %3.5 Mo and low C types
- It has high resistance to intergranular corrosion and pitting
- GeKa ELOX SG 2594 is intended for welding super duplex alloys such as 2507, ASTM S32760, S32550 and A31260
- As the shielding gas, Argon (Ar) is used

Welding Positions



Current Type

TIG D.C. (-)

Operating Data

Product Code	Diameter x Length (mm) / (inch)		Weight (Kg)	Package Type
6011100225	1.60 x 1000	1/16 x 39"	5	Plastic Box
6011100226	2.00 x 1000	5/64 x 39"	5	Plastic Box
6011100227	2.40 x 1000	3/32 x 39"	5	Plastic Box

Approvals: CE, SEPRO