




CEWELD SA 2594

TYPE	SAW wire for welding the so called Super Duplex types of stainless steels.									
APPLICATIONS	Welding austenitic-ferritic, stainless alloys of the 25% Cr, 7% Ni, 4% Mo, low C types. Welding wrought, forged or cast super duplex stainless steels for service in the as-welded Condition. Heterogeneous welding between super duplex stainless steels and dissimilar welds between other stainless and mild or low alloyed steels. The alloy is widely used in applications in which corrosion resistance is of the utmost importance. The pulp & paper industry, offshore and gas industry are areas of interest.									
PROPERTIES	SA 2594 has high intergranular-corrosion, pitting and stress-corrosion resistance with exceptional mechanical strength properties when welded with our high basic agglomerated flux FL 838.									
CLASSIFICATION	AWS	A 5.9: ER2594								
	EN ISO	14343-A: S 25 9 4 N L								
	F-nr	6								
	FM	5								
	W.Nr.	1.4410								
SUITABLE FOR	1.4507, 1.4410, 1.4468, 1.4515, 1.4517, 1.4501, 1.4467, 1,4569, 1.4508 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 Ferrallium 255, SAF 2507, ZERON 100, UR 76 N, SM22Cr, SAF 2507, Alloy 2507, Alloy 2594									
APPROVALS	CE									
WELDING POSITIONS	<div> PA  PB  PC</div>									
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	C	Si	Mn	P	S	Cr	Ni	Mo	N	W
	0.025	0.6	1.2	0.02	0.015	25	9	3.7	0.2	0.4
ALL WELD MECHANICAL PROPERTIES	Heat Treatment	R _{P0,2} MPa	R _m MPa	A5 (%)	RT		Impact Energy (J) ISO-V -40°C			
	As Welded /	620	820	20	70		55			
REDRYING TEMPERATURE	Not required									
GAS ACCORDING EN 14175										



CEWELD SA 2594

SA 2594 2,4MM

Type	KG/unit	EANCode
K-415	25	8720663414670

SA 2594 3,2MM

Type	KG/unit	EANCode
K-415	25	8720663414687