



CEWELD 4460 Cu

TYPE	Rutile-Basic stainless steel electrode with extreme high corrosion resistance and mechanical properties.										
TOEPASSINGEN	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										
EIGENSCHAPPEN	Higher corrosion resistance than standard Duplex steels with also higher mechanical properties due to the addition of Nitrogen.										
CLASSIFICATIE	AWS	A 5.4: E 2593-16									
	EN ISO	3581-A: E 25 9 4 N L									
	W.Nr.	1.4501									
	F-nr	4									
	FM	5									
GESCHIKT VOOR	welding Super Duplex 2593 1.4410, 1.4460, 1.4467, 1.4468, 1.4501, 1.4507, 1.4515, 1.4517 X2CrNiMoN25-7-4, X2CrMnNiMoN26-5-4, GX2CrNiMoN25-6-3, X2CrNiMoCuWN25-7-4, X2CrNiMoCuN25-6-3, GX2CrNiMoCuN26-6-3, GX2CrNiMoCuN25-6-3-3 UNS S32750, S32760, J93380, S32520, S32550, S39274, S32950 SAF 25/07, S32750 1.4410 - 25Cr-7Ni-4Mo-0.28N SAF2507, NAS74N, S32760 1.4501 - 25Cr-7Ni-3.8Mo-0.7Cu-0.7W-0.25N, S32506 - SUS329J4L 25Cr-7Ni-3Mo-0.15N-0.2W NAS64 1.4507, S31803, S32205, Ferrallium 255, Super Duplex steels, ZERON 100										
GOEDKEURINGEN	CE										
LASPOSITIES	     										
TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)	C	Si	Mn	P	S	Cr	Ni	Mo	N	W	Cu
	0.02	0.8	1.1	0.02	0.015	26	9.5	3.5	0.2	0.6	0.8
MECHANISCHE WAARDEN	Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V					Hardness	
					RT						
	As Welded	560	760	20	50					HRc	
HERDROGEN	Not required										
GAS ACC. EN ISO 14175											



CEWELD 4460 Cu

4460 CU 2,5 X 300MM

Packaging	KG/unit	EanCode
Can	2,5	8720663413185

4460 CU 3,2 X 350MM

Packaging	KG/unit	EanCode
Can	2,6	8720663413192

4460 CU 4,0 X 350MM

Packaging	KG/unit	EanCode
Can	2,8	8720663413208