



CEWELD 4460 Cu

TYPE

APPLICATIONS

PROPRIÉTÉS

CLASSIFICATION

CONVIENT POUR

AGRÉMENTS

POSITIONS DE SOUDAGE

ANALYSE CHIMIQUE
TYPIQUE DU MÉTAL DE
SOUDURE (%)

PROPRIÉTÉS MÉCANIQUES

ETUVAGE

GAS ACC. EN ISO 14175

Rutile-Basic stainless steel electrode with extreme high corrosion resistance and mechanical properties.

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

Higher corrosion resistance than standard Duplex steels with also higher mechanical properties due to the addition of Nitrogen.

AWS

EN ISO

W.Nr.

F-nr

FM

A 5.4: E 2593-16

3581-A: E 25 9 4 N L

1.4501

4

5

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

CE

PA

PB

PC

PD

PE

PF

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

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

Not required



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