CEWELD 316L Tig

certilas® THE FILLER METAL SPECIALIST

TYPE

Solid stainless steel filler metal with excelent resistance against general corrosion.

TOEPASSINGEN

The alloy is widely used in the chemical and food-processing industries, as well as in shipbuilding and various types of architectural structure.

EIGENSCHAPPEN

Stainless steel with excellent resistance to intercrystallin corrosion and wet corrosion up to 350°C (662 °F). Corrosion-resistance is similar to low-carbon CrNiMo steels/cast steel grades

CLASSIFICATIE

AWS	A 5.9: ER316L
EN ISO	14343-A: W 19 12 3 L
W.Nr.	1.4430
F-nr	6
FM	5

GESCHIKT VOOR

ISO 15608: 8.1 Austenitic ≤ 19 % Cr , TÜV 1000: Gr. 21-30,
1.4583, 1.4435, 1.4436, 1.4404, 1.4406, 1.4408, 1.4401, 1.4571, 1.4580, 1.4406, 1.4521
X102CrNiMoNb 18 12, X2CrNiMo 18 14 3 (TP), X4CrNiMo 17 13 3, X2CrNiMo 17 12 2 (TP), X 5CrNiMo 19 11 2, X4CrNiMo 17 12 2 (TP), X6CrNiMo 17 12 2, X6CrNiMoNb 17 12 3, X2CrNiMoN 17 12 3 (TP), X2CrMoTi18-2
316Cb, 316L, 316L, 316LN, 316H, 316, 316Ti, 316Cb, 316LN, 444
S31640, S31603, S31653, S31600, S31630, S44400

GOEDKEURINGEN

LASPOSITIES

TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

C	Si	Mn	P	S	Cr	Ni	Mo
0.02	0.5	1.5	0.01	0.01	19	12	2.8

MECHANISCHE WAARDEN

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Impact Energy (J) ISO-V		Hardness
				RT	-196°C	
As Welded	440	610	35	120	45	HRc

HERDROGEN

Not required

GAS ACC. EN ISO 14175

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CEWELD 316L Tig

316L TIG 1,0 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663413642

316L TIG 1,2 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663413659

316L TIG 1,6 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663413666

316L TIG 2,0 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663413673

316L TIG 2,4 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663413680

316L TIG 3,2 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663413697