



# CEWELD AA 316L Tig

**TYPE** Flux cored stainless steel welding wire for Tig welding

**TOEPASSINGEN** Boilers, shipbuilding, machinery, offshore application, foundries, chemical industry, root pass welding when backing gas is not available or preferred.

**EIGENSCHAPPEN** Flux cored wire with slag support for high productivity welding especially for root welding. The slag is self detaching and offers a unique protection against oxidation on the reverse side of the root pass. Saving the cost for back shielding gas and purging time makes AA 316L Tig a very economical option.

**CLASSIFICATIE**

AWS	A 5.22: R316LT1-5
W.Nr.	1.4430
F-nr	6
FM	5

**GESCHIKT VOOR** **ISO 15608: 8.1 Austenit ≤ 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  
 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)  
 316Cb, 316L, 316L, 316LN, 316H, 316, 316Ti, 316Cb, 316LN  
 UNS S31640, UNS S31603, UNS S31653, UNS S31600, UNS S31635

**GOEDKEURINGEN**

**LASPOSITIES**



**TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)**

C	Si	Mn	P	S	Cr	Ni	Mo
0.02	0.9	1.6	0.015	0.015	19	13	2.3

**MECHANISCHE WAARDEN**

Heat Treatment	R <sub>p0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Impact Energy (J) ISO-V		Hardness
				RT		
As Welded	440	600	38	110		HRc

**HERDROGEN** Not required

**GAS ACC. EN ISO 14175** I1



# CEWELD AA 316L Tig

AA 316L TIG 2,2 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663413628