



CEWELD AA 316LM

TYPE	Metal cored stainless steel welding wire. (Type 19 2 3LM, 1.4430)							
TOEPASSINGEN	CEWELD AA316LM is suitable for welding stainless steels with an alloy content between 16 to 21% Cr, 6 to 13% Ni and up to 3% Mo, stabilised and unstabilised types Widely used in the chemical and food-processing industries, as well as in shipbuilding and various types of architectural structure.							
EIGENSCHAPPEN	CEWELD AA316LM offers good general corrosion resistance, particularly to corrosion in acid and chlorinated environments. Low carbon deposit. Enhanced productivity, improved weldability, better wetting properties compared to solid wires. Excellent weld metal quality and X-ray soundness.							
CLASSIFICATIE	AWS	A 5.22: EC316L						
	EN ISO	17633-A: T 19 12 3 L M M12 1						
	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, 1.4430 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 AISI 316Cb, 316, 316L, 316LN, 316H, 316Ti, 316Cb, 316LN, 318, 444 UNS S31640, S31603, S31653, S31600, S31630, S44400, S31635, S31640							
GOEDKEURINGEN	CE							
LASPOSITIES	 PA  PB  PC  PD  PE  PF  PG							
TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)	C	Si	Mn	P	S	Cr	Ni	Mo
	0.02	0.6	1.4	0.02	0.008	20	12	3
MECHANISCHE WAARDEN	Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A5 (%)	Impact Energy (J) ISO-V		Hardness	
	As Welded	450	610	35	-60°C		40	
							HRc	
HERDROGEN	Not required							
GAS ACC. EN ISO 14175	I1, M13, M12							