




CEWELD AA 316LP

TYPE	AISI 316 Rutile flux cored stainless steel welding wire for welding in all positions. (Type 19 12 3L, 1.4430)																	
APPLICATIONS	CEWELD AA 316LP is suitable for welding AISI 316 stainless steels, especially when high weld metal quality and an attractive weld bead appearance are required.																	
PROPERTIES	Gentle droplet transfer and stable arc without spatter loss, excellent productivity and weldability, better wetting properties compared to solid wires characterise CEWELD AA 316LP. Faster solidifying rutile slag with which X-ray weld seams are reliably achieved both under CO2 and mixed gas																	
CLASSIFICATION	AWS	A 5.22: E316LT1-1 A 5.22: E316LT1-4																
	EN ISO	17633-A: T 19 12 3 L P M21 2																
	F-nr	6																
	FM	5																
	W.Nr.	1.4430																
SUITABLE FOR	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 316Cb, 316L, 316L, 316LN, 316H, 316, 316Ti, 316Cb, 316LN, 444 S31640, S31603, S31653, S31600, S31630, S44400																	
APPROVALS	CE Lloyds DNV																	
WELDING POSITIONS																		
TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>C</th> <th>Si</th> <th>Mn</th> <th>P</th> <th>Cr</th> <th>Ni</th> <th>Mo</th> <th>S</th> </tr> </thead> <tbody> <tr> <td>0.025</td> <td>0.9</td> <td>1.4</td> <td>0.013</td> <td>17.9</td> <td>12.1</td> <td>2.67</td> <td>0.008</td> </tr> </tbody> </table>		C	Si	Mn	P	Cr	Ni	Mo	S	0.025	0.9	1.4	0.013	17.9	12.1	2.67	0.008
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ALL WELD MECHANICAL PROPERTIES	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>Heat Treatment</th> <th>R_{P0,2} MPa</th> <th>R_m MPa</th> <th>A₅ (%)</th> <th>Impact Energy (J) ISO-V RT</th> <th>Impact Energy (J) ISO-V -40°C</th> </tr> </thead> <tbody> <tr> <td>As Welded /</td> <td>380</td> <td>525</td> <td>43</td> <td>65</td> <td>50</td> </tr> </tbody> </table>		Heat Treatment	R _{P0,2} MPa	R _m MPa	A ₅ (%)	Impact Energy (J) ISO-V RT	Impact Energy (J) ISO-V -40°C	As Welded /	380	525	43	65	50				
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As Welded /	380	525	43	65	50													
REDRYING TEMPERATURE	140°C / 24 hr																	
GAS ACCORDING EN 14175	M21																	



CEWELD AA 316LP

AA 316LP 1,2MM

Type	KG/unit	EANCode
BS-300	15	8720663413529
D-200	5	8720663413574
D-270	15	8720663424624

AA 316LP 1MM

Type	KG/unit	EANCode
D-200	5	8720682050033