## **CEWELD**<sup>®</sup>

## 317L

GMAW-GTAW Solid wires				
Solid Mag stainless steel welding wire with high Molybdenium content.				
For welding stabilized and un-stabilized CrNiMo(N) type of steels with high corrosion resistance. Also suita for dissimilar welds between steel and stainless steel or dissimilar stainless steels. 317L has good resista to general corrosion and pitting due to its high content of molybdenum. The alloy has a low carbon conte which makes it particularly recommended when there is a risk of intergranular corrosion. The alloy is used severe corrosion conditions such as in the petrochemical, pulp, cotton and paper industries.				
Austenitic, non magnetic stainless steel alloy with high mechanical properties and excellent weldabillity, corrosion resistance is better than AISI 316 due to the high Mo. content. Suitable for use up to 400°C				
aws En Iso Din: W.Nr. Din	A 5.9: ER 317L 14343-A: G 19 14 4 L 1.4453 8556: SG-X2CrNiMo 19 14 4			
1.4439, 1.4429, 1.4438, 1.4583, X2CrNiMoN 17 13 5, X2CrNiMoN 17 13 3, X2CrNiMo 18 15 4, X10CrNiMoNk 18 12, 317LN, (TP)316LN, 317L, non magnetic, ferrite free.				
CE approved				
	For welding sta for dissimilar v to general cor which makes i severe corrosi Austenitic, nor corrosion resis AWS EN ISO DIN: W.Nr. DIN 1.4439, 1.442 18 12, 317LN,			

С	Mn	Si	Cr	Ni	Мо	Ν
0.03	3.5	0.3	18.5	13.5	4.5	0.12

## MECHANICAL PROPERTIES

Heat	R <sub>P0,2</sub>	Rm	A5	Imp	act Energy (J) ISO	)-V	Hardness
Treatment	(N/mm <sup>2</sup> )	(N/mm <sup>2</sup> )	(%)	+20°C	-40°C	-60°C	HRc / HV
AW	>320	>580	>35	>65			

AW: as welded

## WELDING PARAMETERS / PACKING

Welding Parameters				Packing	
D (mm)	Voltage (V)	Current (A)	spool type	kg / spool	kg / pallet
0,8	16-22	50-140	K-300	15	1080
1,0	16-24	80-190	K-300	15	1080
1.2	20-28	180-280	K-300	15	1080

REDRYING TEMPERATURE	not required
GAS ACC. EN ISO 14175:	M12, M13