

TECHNIWELDUSA

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TYPICAL MATERIAL TEST REPORT

ITEM CLASSIFICATION	
ALLOY	SPECIFICATION
ER317L	AWS A5.9
APPLICATIONS	
Used for welding stainless steels with similar composition.	

TYPICAL CHEMICAL COMPOSITION						
	ELEMENT	C	Cr	Ni	Mo	
	AVERAGE	0.02	18.50	13.20	3.40	

	ELEMENT	Mn	Si	P	S	
	AVERAGE	1.70	0.40	0.010	0.012	

TYPICAL MECHANICAL PROPERTIES			
	Tensile Strength	Yield strength	Elongation
	(N/mm ²)	(N/mm ²)	%
	87,000 psi	55,000 psi	47%