

# TECHNIWELDUSA

ATLANTA	JACKSON	NEWTON	YOUNGSTOWN	HOUSTON
P: 800-445-2152	P: 800-647-7144	P: 800-222-1113	P: 877-286-1868	P: 877-674-5586
F: 404-699-7800	F: 800-748-9973	F: 828-464-4884	F: 412-357-2181	F: 832-308-1985

## TYPICAL MATERIAL TEST REPORT

ITEM CLASSIFICATION	
ALLOY	SPECIFICATION
ER308LSI	AWS A5.9
APPLICATIONS	
Suitable for joining stainless steels of the 304 and 308 types.	

TYPICAL CHEMICAL COMPOSITION						
	ELEMENT	C	P	Ni	Si	
	AVERAGE	0.016	0.016	10.0	0.85	

	ELEMENT	S	Mn	Cr		
	AVERAGE	0.008	1.65	20.65		

TYPICAL MECHANICAL PROPERTIES				
	Tensile Strength	Yield strength	Elongation	
	(N/mm <sup>2</sup> )	(N/mm <sup>2</sup> )	%	
	87,000 psi	59,000 psi	39%	