

# TECHNIWELDUSA

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## TYPICAL MATERIAL TEST REPORT

ITEM CLASSIFICATION	
ALLOY	SPECIFICATION
E308LTX-X	AWS A5.22
APPLICATIONS	
Can be used for welding types 321 or 347 if the service temperature does not exceed 500°F (260° C)	

TYPICAL CHEMICAL COMPOSITION						
	ELEMENT	C	Cr	S	Mn	
	AVERAGE	0.03	19.5	0.01	1.20	

	ELEMENT	Ni	Si	P		
	AVERAGE	9.5	0.60	0.02		

TYPICAL MECHANICAL PROPERTIES				
	Tensile Strength	Yield strength	Elongation	
	(N/mm <sup>2</sup> )	(N/mm <sup>2</sup> )	%	
	85,000 psi	58,000 psi	35%	

WELDING PROCESS		
	<b>Shielding Gas</b>	75% argon / 25% CO <sub>2</sub> (or nearest equivalent)
	<b>Post Welding</b>	as-welded