

TECHNIWELDUSA

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TYPICAL MATERIAL TEST REPORT

ITEM CLASSIFICATION	
ALLOY	SPECIFICATION
ER309L	AWS A5.9
APPLICATIONS	
Suitable for use in many chemical applications.	

TYPICAL CHEMICAL COMPOSITION						
ELEMENT	C	Cr	Ni	Mo		
AVERAGE	0.015	23.50	13.50	0.25		

ELEMENT	Mn	Si	P	S		
AVERAGE	2.0	0.40	0.012	0.010		

TYPICAL MECHANICAL PROPERTIES				
	Tensile Strength	Yield strength	Elongation	
	(N/mm ²)	(N/mm ²)	%	
	87,000 psi	58,000 psi	40%	