

TECHNIWELDUSA

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TYPICAL MATERIAL TEST REPORT

ITEM CLASSIFICATION	
ALLOY	SPECIFICATION
ER316H	AWS A5.9
APPLICATIONS	
Used to weld wrought and cast forms of similar composition.	

TYPICAL CHEMICAL COMPOSITION						
	ELEMENT	C	Cr	Ni	Mo	
	AVERAGE	0.06	19.25	11.25	2.25	

	ELEMENT	Mn	Si	P	S	
	AVERAGE	1.80	0.40	0.012	0.010	

TYPICAL MECHANICAL PROPERTIES			
	Tensile Strength	Yield strength	Elongation
	(N/mm ²)	(N/mm ²)	%
	88,000psi	59,000psi	40%