

TECHNIWELDUSA

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TYPICAL MATERIAL TEST REPORT

ITEM CLASSIFICATION	
ALLOY	SPECIFICATION
E347-16	AWS A5.4
APPLICATIONS	
Designed for welding 347 and 321 alloys.	

TYPICAL CHEMICAL COMPOSITION						
ELEMENT	C	Si	S	Cr		
AVERAGE	0.55	0.52	0.019	19.15		

ELEMENT	Mn	Nb	Ni	P		
AVERAGE	1.65	0.44	10.0	0.021		

TYPICAL MECHANICAL PROPERTIES				
	Tensile Strength	Yield strength	Elongation	
	(N/mm ²)	(N/mm ²)	%	
	58,000 psi	86,500 psi	34.5%	