

TECHNIWELDUSA

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TYPICAL MATERIAL TEST REPORT

ITEM CLASSIFICATION	
ALLOY	SPECIFICATION
ER80S-B8	AWS A5.28
APPLICATIONS	
Used to weld base material of similar composition.	

TYPICAL CHEMICAL COMPOSITION						
ELEMENT	C	Mn	Si	P	S	
AVERAGE	0.08	0.55	0.004	0.015	0.006	

ELEMENT	Ni	Cr	Mo	Cu		
AVERAGE	0.40	9.50	1.00	0.18		

TYPICAL MECHANICAL PROPERTIES			
	Tensile Strength	Yield strength	Elongation
	(N/mm ²)	(N/mm ²)	%
	79,000 psi	63,500 psi	29%