

TECHNIWELDUSA

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TYPICAL MATERIAL TEST REPORT

ITEM CLASSIFICATION	
ALLOY	SPECIFICATION
E2209-16	AWS A5.4
APPLICATIONS	
Used to weld duplex stainless steels. Offers excellent resistance to stress corrosion and cracking.	

TYPICAL CHEMICAL COMPOSITION						
ELEMENT	C	Ni	Cr	Mn	Si	Mo
AVERAGE	0.03	9.70	23.0	0.95	0.45	3.00

TYPICAL MECHANICAL PROPERTIES			
	Tensile Strength	Yield strength	Elongation
	(N/mm ²)	(N/mm ²)	%
	90,000 psi	115,000 psi	27%