

TECHNIWELDUSA

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TYPICAL MATERIAL TEST REPORT

ITEM CLASSIFICATION	
ALLOY	SPECIFICATION
ENiCrMo-10	AWS A5.11
APPLICATIONS	
Used for welding wrought or cast products. Can also be used to join stainless and nickel alloys or dissimilar corrosion resistant alloys and cladding	

TYPICAL CHEMICAL COMPOSITION						
ELEMENT	C	Cr	P	Mn	Mo	
AVERAGE	0.014	21.2	0.012	0.35	13.1	

ELEMENT	S	Si	W	Fe	Ni	
AVERAGE	0.005	0.16	3.3	3.9	Balance	

TYPICAL MECHANICAL PROPERTIES			
	Tensile Strength	Yield strength	Elongation
	(N/mm ²)	(N/mm ²)	%
	113,000 psi	78,000 psi	36%