

Stainless Steel Welding Electrodes

SV - 316 - U(M)

AWS CLASSIFICATION

E316L-16

IS CLASSIFICATION

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APPLICATIONS

Deposited metal displays remarkable corrosion resistance and crack resistance, suitable for welding AISI 316L and their modified nitrogen bearing version used in Urea plant to resist severe corrosion.

CHEMICAL COMPOSITION(%)

C	MN	SI	S	P	Cr	Ni	Mo	Cu	Cb	MECHANICAL PROPERTIES ALL WELD METAL	
										TENSILE STRENGTH Mpa(min)	ELONGATION %(min)
0.04	3.0-6.0	1.0	0.03 max	0.04	17.0-20.0 max	11.0-16.0 max	0.75 max	0.75	N=0.15%	520.0 max	30.0 max

