

Stainless Steel Welding Electrodes

CROMALLOY - 312

AWS CLASSIFICATION

E-312-16

IS CLASSIFICATION

E 29.9 R 26

APPLICATIONS

Suitable for welding of dissimilar metals such as stainless steel to mild steel or low alloy steels, welding of wide variety of unknown composition steels, leaf and coil springs, difficult to weld steels, welding of stainless clad steel and for under laying build-up of hard facing.

CHEMICAL COMPOSITION(%)

C	MN	SI	S	P	Cr	Ni	Mo	Cu	Cb	MECHANICAL PROPERTIES ALL WELD METAL	
										TENSILE STRENGTH Mpa(min)	ELONGATION %(min)
0.15	0.50-2.50	1.0 max	0.03	0.04 max	28.0-32.0 max	8.0-10.5 max	0.75	0.75	- max	660.0 max	22.0

