

DESCRIPTION

Executive 310 provides superior weldability, low spatter and smooth beads with easy slag removal. This electrode is most often used to weld base metals of similar composition.

APPLICATIONS & FEATURES

Used as a transition layer for high restrained joints of high carbon steels, suitable for welding AISI 310 and AISI 310S.

TYPICAL WIRE CHEMISTRY & MECHANICAL PROPERTIES

C	Si	Mn	P	S	Cr	Ni	Mo	Cu	N
0.113	0.27	2.13	0.028	0.0001	26.94	20.87	0.11	0.11	0.07
Tensile Strength:		85,600 PSI min		Yield Strength:		59,500 PSI min		Elongation:	39%

TYPICAL WELDING PARAMETERS

Process	Diameter	Length	Amperage
SMAW AC/DC	3/32"	12"	40-70
	1/8"	14"	60-100
	5/32"	14"	90-140
	3/16"	14"	120-185

STANDARD PACKAGING & HANDLING

SMAW	40-lb master box
	10-lb plastic tube

CLASSIFICATION

AWS/SFA 5.4, Class **E310-16**

