

ES EM12K

SAW

S2Si

ESWECO
The Art of Welding

Description

ES EM12K is a medium manganese-alloyed, copper-coated steel wire for submerged arc welding in medium and high strength structural steels.

It can be combined with the following fluxes:

ES FLUX 161, ES FLUX 171, ES FLUX 180

ES FLUX 181 and ES FLUX 900.

ES EM12K can be used as a general purpose wire for high-speed welding steel plate (e.g. boiler, bridge, pressure vessel, and LPG cylinder, etc.).

Classifications

SFA/AWS A5.17	EM12K
EN 756	S2Si

Typical all weld metal composition, %

C	Si	Mn
0.1	0.2	1.0

Classifications

FLUX + WIRE	AWS	EN
ES FLUX 161	F7A8-EM12K/F6P8-EM12K	S 38 4 FB S2Si
ES FLUX 171	F7A5-EM12K/F6P5-EM12K	S 38 4 AB S2Si
ES FLUX 181	F7AZ-EM12K/F7PZ-EM12K	S 50 A AR S2Si
ES FLUX 900	F7A5-EM12K/F6P5-EM12K	S 38 4 AR S2Si