



C-Mn STEEL WIRES FOR SAW WELDING



COPPER COATED C-Mn STEEL SOLID WIRES

CLASSIFICATION :

Product	EN 14171	AWS A/SFA 5.17
AUTOMELT EL8 (AUTOMELT Gr.A)	S1	EL8
AUTOMELT EL8K	S1 Si	EL8 K
AUTOMELT EL12	S1	EL12
AUTOMELT EM12K	S2Si	EM12K
AUTOMELT EH10K	S3	EH10K
AUTOMELT EH12K	S3Si	EH12K
AUTOMELT EH11K		EH11K
AUTOMELT EH14	S4	EH14

KEY FEATURES :

- Uniform copper coating
- Smooth feeding
- Close dimensional tolerances
- Controlled Chemistry

CHEMICAL COMPOSITION OF BARE SOLID WIRE, Wt% (Typical, Including Cu in coating):

Product	C	Mn	Si	Cu
AUTOMELT EL8 (AUTOMELT Gr.A)	0.06	0.50	0.03	0.1
AUTOMELT EL8K	0.07	0.45	0.15	0.1
AUTOMELT EL12	0.09	0.50	0.03	0.1
AUTOMELT EM12K	0.09	1.00	0.20	0.1
AUTOMELT EH10K	0.08	1.40	0.15	0.1
AUTOMELT EH12K	0.10	1.55	0.25	0.1
AUTOMELT EH11K	0.09	1.50	0.90	0.1
AUTOMELT EH14	0.12	1.70	0.04	0.1

DIAMETERS - PACKING DATA :

Product	Ø, mm	Kg / Spool	Kg / Bobbin	SAWPAC DRUM, Kg
AUTOMELT EL8 (AUTOMELT Gr.A)	1.6, 2.0, 2.5, 3.15, 4.0, 5.0	25	250	1.6 - 100 / 250 Others – 350 / 500
AUTOMELT EL8K	1.6, 2.0, 2.5, 3.15, 4.0, 5.0	25	250	1.6 - 100 / 250 Others – 350 / 500
AUTOMELT EL12	1.6, 2.0, 2.5, 3.15, 4.0, 5.0, 5.50	25	250	1.6 - 100 / 250 Others – 350 / 500
AUTOMELT EM12K	1.6, 2.0, 2.5, 3.15, 4.0, 5.0	25	250	1.6 - 100 / 250 Others – 350 / 500
AUTOMELT EH10K	2.5, 3.15, 4.0, 5.0	25	250	350 / 500
AUTOMELT EH12K	2.5, 3.15, 4.0, 5.0	25	250	350 / 500
AUTOMELT EH11K	1.6, 2.0, 2.5, 3.15, 4.0, 5.0	25	250	1.6 - 100 / 250 Others – 350 / 500
AUTOMELT EH14	2.5, 3.15, 4.0, 5.0	25	250	350 / 500

