

ESL'ARC - 60 ®



Classification

Class -

A1 as per IRS M:28-2012

AWS -

E6012, ER4112 as per IS:814-04

Applications

Light fabrication, sheet metal works, storage tanks, steel furniture etc.

Characteristics

A medium coated general purpose all position mild steel electrode designed for welding of structural work and general fabrication. The electrode is suitable to bridge up large gaps. It can be used for welding where strength requirement is not specified. The slag is quick freezing & easy to remove.

Welding Current (AMPS) AC or DC :

5x450mm	4x450mm	3.15 x 450mm	3.15x350mm	2.5x350mm
170-220	100-150	80-130	80-130	60-80

Weld Metal Analysis (Average Value) :

C%	Mn.%	Si%	S%	P%
0.10 Max.	0.35-0.50	0.30 Max.	0.03 Max.	0.03%Max.

Mechanical Properties of Weld Metal (Average Value):

UTS	YS	Elongation %	Charpy 'V' Notch at +27°C	Reduction Of Area
410 Min. N/mm2	330 Min. N/mm2	L = 5 d.' 26 Min	47 (J) Min.	50% Min



Shieldarc Equipment Pvt. Ltd.

Mfg. of ESL'ARC Brand of ELECTRODES

85, Elliot Road, Kolkata - 700 016

Phone : 2229-8347 / 2226-2775

Fax : 91-033-2229-4718

Email : sepl2010@gmail.com