

ESL'ARC 88B2

Classification

AWS -

A 5.5 E8018-B2

Applications

For welding Cr-Mo pipelines used in oil refineries, boilers, power houses construction, repairing automobile parts and parts of earth moving equipment.

Characteristics

ESL'ARC 88B2 is a heavy coated all position low hydrogen iron powder electrode with excellent creep and heat resisting properties at elevated temperatures up to 550° C. It gives high purity radiographic quality weld deposits.

Welding Current (AMPS) AC / DC

6.30x450mm	5.00x450mm	4.00 x 450mm	3.15x450mm	2.50x350mm
250 - 330	190 - 250	130 - 200	90 -150	70 -110

Typical chemical composition of all weld metal:

C%	Cr%	Mo%	Mn.%	Si%	S%	P%
0.07	1.20	0.50	0.65	0.35	0.023	0.022

Typical Mechanical Properties of all Weld Metal

UTS	YS	Impact	Elongation L = 5D
600 N/mm2	520 N/mm2	50 J at -30°C	26% 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