

SUPRADUR 600B

TOP FEATURES

- Weld metal hardness ~550-650HV which can be ground. Very good resistance to moderate impacts.
- Excellent weldability in all position except Vertical Down positions.
- Shall be used in DC+ or AC current.

CLASSIFICATION

EN 14700 E Z (Fe2)

CURRENT TYPE

AC, DC+

WELDING POSITIONS

All position, except vertical down

APPROVALS

DB
+

CHEMICAL COMPOSITION (WEIGHT %), TYPICAL, ALL WELD METAL

C	Mn	Si	Cr	Mo	Fe	V
0.5	0.3	0.4	8	0.5	Rem	0.5

MECHANICAL PROPERTIES, TYPICAL, ALL WELD METAL

	Condition*	Hardness (HRc)
EN 14700	AW	30-58
Typical values	AW	60

* AW = As welded

OUTPUT RANGE

Diameter x Length (mm)	Current range (A)
2.5 x 300	70-90
3.2 x 450	100-135
4.0 x 450	140-180

PACKAGING AND AVAILABLE SIZES

Diameter x Length (mm)	Packaging	Electrodes/pack	Net weight/pack (kg)	Item number
3.2 x 450	CBOX	130	5.7	W000258538
4.0 x 450	CBOX	85	5.8	W000258539

TEST RESULTS

Test results for mechanical properties, deposit or electrode composition and diffusible hydrogen levels were obtained from a weld produced and tested according to prescribed standards, and should not be assumed to be the expected results in a particular application or weldment. Actual results will vary depending on many factors, including, but not limited to, weld procedure, plate chemistry and temperature, weldment design and fabrication methods. Users are cautioned to confirm by qualification testing, or other appropriate means, the suitability of any welding consumable and procedure before use in the intended application

Safety Data Sheets (SDS) are available here:



Subject to Change – The information is accurate to the best of our knowledge at the time of printing.
Please refer to www.lincolnelectric.eu for any updated information.