

# SUPRADUR 600RB

## TOP FEATURES

- Weld metal hardness ~57-62HRC, the deposit can only be machined by grinding
- Excellent weldability in all position except Vertical Down and Overhead positions
- Shall be used in DC+ or AC current

## CLASSIFICATION

EN 14700 E Fe2\*  
(\*: Nearest classification, Cr max 8%)

## CURRENT TYPE

AC, DC+

## WELDING POSITIONS

All positions, except vertical down

## APPROVALS

DB

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

C	Mn	Si	Cr	Mo	Fe	V
0.5	0.5	0.8	7	0.5	Rem.	0.7

## MECHANICAL PROPERTIES, TYPICAL, ALL WELD METAL

	Condition	Hardness (HRc)
EN 14700	AW	30-58
Typical values	AW	59

AW = As welded

## OPERATING CURRENT RANGE

Diameter x Length (mm)	Current range (A)
3.2 x 350	100-130
4.0 x 350	140-160

## AVAILABLE SIZES AND PACKAGING INFORMATION

Diameter x Length (mm)	Packaging	Electrodes/pack	Net weight/pack (kg)	Item number
2.5 x 350	CBOX	270	5.0	W000258541
3.2 x 350	CBOX	160	5.4	W000258542
4.0 x 350	CBOX	105	5.0	W000258543

### 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](http://www.lincolnelectric.eu) for any updated information.