

Conarc® L150

TOP FEATURES

- Self releasing slag
- Suitable for welding primer painted components
- ~165% recovery
- Excellent weldability on AC and DC
- Free of cracks and good X-ray quality
- ISO-V toughness down to -40°C.

TYPICAL APPLICATIONS

- Shipyards

CLASSIFICATION

AWS A5.1	E7028 H4
EN ISO 2560-A	E 42 4 B 53 H5

CURRENT TYPE

AC/DC(+/-)

WELDING POSITIONS

Flat/Horizontal

APPROVALS

ABS	BV	DNV	TÜV	DB
+	+	+	+	+

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

C	Mn	Si	P	S
0.1	1.1	0.6	≤0.025	≤0.015

MECHANICAL PROPERTIES, TYPICAL, ALL WELD METAL

	Condition*	Yield strength (MPa)	Tensile strength (MPa)	Elongation (%)	Impact ISO-V (J) -18°C/-20°C
Required: AWS A5.1		min. 400	min. 490	min. 22	min. 27
EN ISO		min. 420	500-610	min. 20	min. 47
Typical values	AW	≥420	510-610	≥26	
	600°C x 2h	≥420	500-600	≥26	

AW = As welded

OUTPUT RANGE

Diameter x Length (mm)	Current range (A)
3.2x450	140-160
4.0x450	175-220

PACKAGING AND AVAILABLE SIZES

Diameter x Length (mm)	Packaging	Electrodes/pack	Net weight/pack (kg)	Item number
3.2x450	SRP	30	1.9	554557-1
4.0x450	SRP	23	2.3	554509-1

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.