

# Ferrod® 135T

## TOP FEATURES

- High welding speed.
- Smooth weld appearance.
- Self releasing slag.

## CLASSIFICATION

AWS A5.1 E7024  
EN ISO 2560-A E 42 0 RR 53

## CURRENT TYPE

AC/DC-

## WELDING POSITIONS

Flat/Horizontal

## APPROVALS

ABS	BV
+	+

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

C	Mn	Si
0.08	0.5	0.35

## MECHANICAL PROPERTIES, TYPICAL, ALL WELD METAL

	Condition*	Yield strength (MPa)	Tensile strength (MPa)	Elongation (%)	Impact ISO-V (J)	
					0°C	-20°C
Required: AWS A5.1	AW	min. 400	min. 490	min. 17	not specified	min. 20
EN ISO 2560-A	AW	min. 420	500-640	min. 20	min. 47	not specified
Typical values	AW	420	500-560	24	47	not specified

AW = As welded

## OUTPUT RANGE

Diameter x Length (mm)	Current range (A)
3.2 x 450	130-150
4.0 x 450	180-200
5.0 x 450	275-300

## PACKAGING AND AVAILABLE SIZES

Diameter x Length (mm)	Packaging	Electrodes/pack	Net weight/pack (kg)	Item number
3.2 x 450	CBOX	80	5.5	588676
4.0 x 450	CBOX	70	5.9	588677-1
5.0 x 450	CBOX	45	5.8	588678-1

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