

FLUXOCORD 41

TOP FEATURES

- Seamless copper coated flux cored wire
- Nickel and Molybdenum addition to ensure both high strength properties and high impact toughness down to -60°C
- Also compatible with applications requiring a post weld heat treatment

CLASSIFICATION

Flux	AWS 5.23	EN ISO 26304-A
OP 121TT	F9A8/F8P6-EC-G	S 55 6 FB TZ

CHEMICAL COMPOSITION (WEIGHT %), TYPICAL, WIRE

	C	Mn	Si	Ni	Mo
OP 121TT	0.05	1.5	0.3	1.5	0.4

MECHANICAL PROPERTIES, TYPICAL, ALL WELD METAL

Flux	Condition*	Yield strength (MPa)	Tensile strength (MPa)	Elongation (%)	Impact ISO-V (J)		
					-20°C	-40°C	-60°C
OP 121TT	AW	≥ 550	640-760	≥20	≥ 100	≥ 60	≥ 47
OP 121TT	PWHT 620°C/1h	≥ 500	600-710	≥22	≥ 120	≥100	≥60

*AW = As welded; PWHT = Post weld heat treatment

PACKAGING AND AVAILABLE SIZES

Wire diameter (mm)	Packaging	Weight (kg)	Item number
4.0	SPOOL	25.0	W000379128

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.