

LNM 25

TOP FEATURES

- Stable arc and excellent feedability
- Excellent mechanical properties
- Used mainly in single pass welding

TYPICAL APPLICATIONS

- General fabrication
- Automotive

CLASSIFICATION

AWS A5.18 ER70S-3
EN ISO 14341-A G 42 4 M21 2Si

SHIELDING GASES (ACC. EN ISO 14175)

M21 Mixed gas Ar+ >15-25% CO₂
C1 Active gas 100% CO₂

APPROVALS

ABS	LR	CE
+	+	+

CHEMICAL COMPOSITION (WEIGHT %), TYPICAL WIRE

C	Mn	Si
0.08	1.1	0.6

MECHANICAL PROPERTIES, TYPICAL, ALL WELD METAL

	Shielding gas	Condition*	Yield strength (MPa)	Tensile strength (MPa)	Elongation (%)	Impact ISO-V (J) -40°C
Typical values	M21	AW	450	540	26	150

* AW = As welded

PACKAGING AND AVAILABLE SIZES

Wire diameter (mm)	Packaging	Weight (kg)	Item number
0.8	SPOOL (B300)	16.0	E08K016P1E01
1.0	SPOOL (B300)	16.0	E10K016P1E01
	DRUM	250.0	E10D250E1S01
1.2	SPOOL (B300)	16.0	E12K016P1E01
	DRUM	250.0	E12D250E1S01

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.