OE-S2MO

TOP FEATURES

- A low carbon, medium manganese, low silicon, 0,5% molybdenum wire used for single or multiple pass welds
- A standard choice for pipe fabrication and other limited pass applications
- Actual (Type 3.1) certificates for each lot of wire showing chemical composition are available

CLASSIFICATION

AWS A5.23	EA2
EN ISO 14171-A	S2Mo

TYPICAL APPLICATIONS

- Longitudinal and spiral pipe welding

CHEMICAL COMPOSITION (WEIGHT %), TYPICAL, WIRE

C	Mn	Si	P	S	Mo
0.1	1	0.15	≤0.02	≤0.02	0.5

PACKAGING AND AVAILABLE SIZES

Wire diameter (mm)	Packaging	Weight (kg)	Item number
2.0	SPOOL	25.0	OES2MO-2-25VCI
	REEL	300.0	OES2MO-2-300MR
	DRUM	400.0	OES2MO-2-400
	DRUM	600.0	OES2MO-2-600AC
2.4	SPOOL	25.0	OES2MO-24-25VCI
3.2	SPOOL	25.0	OES2MO-32-25VCI
	DRUM	350.0	OES2MO-32-350E, OES2MO-32-350E-CCW
	DRUM	400.0	OES2MO-32-400, OES2MO-32-400-CCW
	COIL	1000.0	OES2MO-32-1T-CCW
4.0	SPOOL	25.0	OES2MO-4-25VCI
	SPOOL	100.0	OES2MO-4-100
	REEL	300.0	OES2MO-4-300MR
	DRUM	350.0	OES2MO-4-350E, OES2MO-4-350E-CCW
	DRUM	400.0	OES2MO-4-400, OES2MO-4-400-CCW
	COIL	1000.0	OES2MO-4-1T-CCW

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.