

Jungo® 308Mo

TOP FEATURES

- Basic all position electrode for welding dissimilar joints
- The general purpose electrode for repair welding
- Dedicated to industrial applications
- Also applicable for joining hardenable high strength steels and steels difficult to weld

CLASSIFICATION

AWS

E308Mo

EN ISO 3581-A

E 20 10 3 B 4 2

CURRENT TYPE

DC+

WELDING POSITIONS

All position, except vertical down

APPROVALS

TÜV

+

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

	C	Mn	Si	Cr	Ni	Mo	Cu	P	S
Min.	not specified	not specified	not specified	18.0	9.0	1.5	not specified	not specified	not specified
Max.	0.10	2.5	1.2	21.0	12.0	3.5	0.75	0.030	0.025
Typical	0.07	1.8	0.4	20.0	10.5	2.6	0.06	0.014	0.015

MECHANICAL PROPERTIES, TYPICAL, ALL WELD METAL

As welded		EN ISO 3581-A	Typical
Tensile strength	(MPa)	min. 510	450
0.2% Proof strength	(MPa)	min. 330	650
Elongation	(%)	min. 25	35
Impact ISO-V (J)	+20 °C	not specified	100
	-196 °C	not specified	35

PACKAGING AND AVAILABLE SIZES

Diameter x Length (mm)	Packaging	Electrodes/pack	Net weight/pack (kg)	Item number
2.5 x 300	SRP	68	1.1	537240-1
3.2 x 350	SRP	53	1.7	537247-1

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.