

QUALITY CERTIFICATE

№ **2502-097** Issued Date: **12.02.2025**

Manufacturer: PlasmaTec LLC
18 Pravednykiv svitu str., Vinnytsia, Vinnytsia
region, Vinnytsia district, Ukraine, 21036

Product
Welding electrodes Monolith M-308L-16 TM MONOLITH d 4 mm (5/32"): vacuum 1 kg (2.2 LB)

Specification/Classification	AWS A5.4/SFA-5.4: E308/E308L-16 CSA W48: E308L-16 EN ISO 3581-A-E 19 9 L R 1 2
Batch classification according to EN ISO 14344	C5
Lot Number	004

Mechanical properties of weld metal
EN 10204, type 2.2

Index	Requirements (AWS A5.4)	Typical data
Tensile strength, (MPa/ksi)	min. 520 (75)	583 (84)
Elongation, %	min. 30	62
Ferrite Number, FN (magnetic induction method)	Actual data	
	8.9	
Ferrite Number, WRC-1992	Actual data	
	11	

Chemical analysis of weld metal, %
EN 10204, type 3.1

Index	Requirements (AWS A5.4)	Actual data
C	max. 0.04	0.01
Si	max. 1.0	0.78
Mn	0.5-2.5	1.01
P	max. 0.04	0.024
S	max. 0.03	0.016
Cr	18.0-21.0	19.8
Ni	9.0-11.0	9.67
Mo	max. 0.75	0.2
Cu	max. 0.75	0.14

Post weld heat treatment - As welded

The product was manufactured and supplied according to a Quality System Program that meets the requirements of ISO 9001. The delivery conditions are in accordance with EN ISO 544.

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Lot Number identification: **001 3.2 XO** (example of Lot number), where **001** – actual Lot Number, **3.2 XO** - additional information (3.2 - electrode size in mm; X – pressing team, O - packing team)