

## QUALITY CERTIFICATE

№ **2501-070** Issued Date: **15.01.2025**

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

<b>Product</b>
<b>Welding electrodes Monolith M-308L-16 TM MONOLITH d 3.2 mm (1/8"): vacuum 1 kg (2.2 LB)</b>

<b>Specification/Classification</b>	AWS A5.4/ SFA-5.4: E308/E308L-16 CSA W48: E308L-16 EN ISO 3581-A- E 19 9 L R 1 2
<b>Batch classification according to EN ISO 14344</b>	<b>C5</b>
<b>Lot Number</b>	<b>001</b>

### Mechanical properties of weld metal according to EN 10204, type 2.2

Index	Requirements (AWS A5.4)	Typical data
Tensile strength, (MPa/ksi)	min 490 (70)	583 (84)
Elongation, %	min. 30	62
Ferrite Number, FN (magnetic induction method)	<b>Actual data</b>	
	3.4	
Ferrite Number, WRC-1992	<b>Actual data</b>	
	9	

### Chemical analysis of weld metal, % according to EN 10204, type 3.1

Index	Requirements (AWS A5.4)	Actual data
C	max. 0.04	0.01
Si	max. 1.0	0.85
Mn	0.5-2.5	1.04
P	max. 0.04	0.025
S	max. 0.03	0.021
Cr	18.0-21.0	19.6
Ni	9.0-11.0	9.86
Mo	max. 0.75	0.01
Cu	max. 0.75	0.04

**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.

**Head of Technical Control: Andrii Babyn**



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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)