

QUALITY CERTIFICATE
№ 2605-058 Issued Date: 12.05.2026

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

Product
Welding wire rods Monolith ER309L TM MONOLITH d 4 mm (5/32"): tube 5 kg (11 LB) (L-1.0m)

Specification/Classification	AWS A5.9/SFA-5.9: ER309L CSA W48: ER309L EN ISO 14343-A – W 23 12 L
Batch classification according to EN ISO 14344	-
Lot Number	001

Mechanical properties of weld metal
EN 10204, type 2.2

Index	Requirements (AWS A5.9)	Typical data
Tensile strength, (MPa/ksi)	min 520 (75)	653 (94)
Elongation, %	min. 30	36
	Actual data	
Ferrite Number, FN	10.0	

Chemical analysis, %
EN 10204, type 3.1

Index	Requirements (AWS A5.9)	Actual data
C	max. 0.03	0.021
Si	0.30-0.65	0.51
Mn	1.0-2.5	2.32
P	max. 0.03	0.0024
S	max. 0.03	0.0098
Cr	23.0-25.0	23.36
Ni	12.0-14.0	13.65
Mo	max. 0.75	0.06
Cu	max. 0.75	0.2

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: 01.01.2025 – packing date, 001 – Lot Number, X – packing team