

QUALITY CERTIFICATE

№ 2025689057 Issued Date: 11.06.2025

Seller: PlasmaTec LLC
 18 Pravednykiv svitu str., Vinnytsia, Vinnytsia
 region, Vinnytsia district, Ukraine, 21036
 Country of MFR: Italy

Customer: Monolith Bison Inc
 501-10022 110 Street Nw,
 Edmonton, Alberta, T6V 0C6, Canada

Product
Welding wire copper coated Monolith ER70S-6 TM MONOLITH d 1.2 mm (.045"): pack 18 kg (39.7 LB) / Spool

Specification/Classification	AWS A5.18/SFA-5.18: ER70S-6 CSA W48: B-G 49 A 3C 1 S6 (ER49S-6) EN ISO 14341-A – G42 4M 21 3Si1/ G 38 2 C1 3Si1
Lot Number	761192

**Mechanical properties of weld metal
 EN 10204, type 2.2**

Shielding gas according to EN ISO 14175	M21	CO₂
Tensile strength, MPa (N/mm²)	500-640	470-600
Yield strength, MPa (N/mm²)	≥ 420	≥ 380
Elongation, A5%	22	22
Impact energy (KV), J	(-40°C) ≥ 47	(-30°C) ≥ 47

**Chemical analysis, %
 EN 10204, type 3.1**

C	0.073	Cr	0.026
Mn	1.49	Al	0.001
Si	0.901	Ti	0.001
S	0.013	B	0.0004
P	0.011	V	0.002
Cu	0.011	Co	0.004
Mo	0.005	Zr	0.000
Ni	0.020	N	0.0032

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.

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