

**QUALITY CERTIFICATE**

№ 2025679844 Issued Date: 26.06.2025

**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

<b>Product</b>
<b>Welding wire copper coated Monolith ER70S-6    TM MONOLITH d 0.9 mm (.035"): pack 5 kg (11 LB) / Spool</b>

<b>Specification/Classification</b>	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
<b>Lot Number</b>	<b>755243</b>

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

<b>Shielding gas according to EN ISO 14175</b>	<b>M21</b>	<b>CO<sub>2</sub></b>
<b>Tensile strength, MPa (N/mm<sup>2</sup>)</b>	500-640	470-600
<b>Yield strength, MPa (N/mm<sup>2</sup>)</b>	≥ 420	≥ 380
<b>Elongation, A5%</b>	22	22
<b>Impact energy (KV), J</b>	(-40°C) ≥ 47	(-30°C) ≥ 47

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

<b>C</b>	0.067	<b>Cr</b>	0.021
<b>Mn</b>	1.41	<b>Al</b>	0.001
<b>Si</b>	0.86	<b>Ti</b>	0.001
<b>S</b>	0.016	<b>B</b>	0.0001
<b>P</b>	0.011	<b>V</b>	0.001
<b>Cu</b>	0.010	<b>Ca</b>	0.0005
<b>Mo</b>	0.003	<b>Zr</b>	0.0000
<b>Ni</b>	0.018	<b>Sn</b>	0.0006
<b>Ti+Zr</b>	0.001	<b>N</b>	0.0038

**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.*

**Head of Technical Control: Andrii Babyn**



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