

QUALITY CERTIFICATE № 2307-070 Date: 07.07.2023

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

Counterparty:
Elmeron SRL
Moldova, 2023, Кишинів, В. Вода st, 5

Nomination	Quantity packs, pcs	Total weight, kg
Welding wire copper coated G3Si1 TM MONOLITH d 1 mm: pack 15kg	40	600

Standard/Classification	EN ISO 14341-A- G 42 4 M21 3Si1 AWS A5.18: ER70S-6
Batch №	312D

Mechanical properties of weld metal in accordance EN 10204 - 2.2

Index	Requirements	Actual data
Tensile strength, MPa (N/mm ²)	500 - 640	538
Elongation, %	≥20	28
Yield strength, MPa (N/mm ²)	≥420	437
Impact energy (KV), J -40°C	≥47	59/80/80

Chemical analysis of weld metal, % in accordance EN 10204 - 3.1

Index	Actual data
C	0.068
Si	0.80
Mn	1.60
S	0.011
P	0.017
Cr	0.022
Ni	0.009
Mo	0.002
V	0.002
Al	0.004
Ti+Zr	0.001
Cu	0.12

The manufacturer guarantees that the content of chemical elements and the mechanical properties of the weld metal meet the requirements of EN ISO 14341, and also the delivery conditions meet the requirements of ISO 544.

The quality manager

For quality issues contact: e-mail: quality@plasmatec.com.ua, phone: +380(67)433-19-36 (Viber, WhatsApp, Telegram)

