

QUALITY CERTIFICATE
№ 2311-267 Date: 29.11.2023

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 0.8 mm: pack 5 kg	6	30

Standard/Classification	EN ISO 14341-A- G 42 4 M21 3Si1 AWS A5.18: ER70S-6
Batch №	317D

Mechanical properties of weld metal in accordance EN 10204 - 2.2

Index	Requirements	Actual data
Elongation, %	≥20	30
Tensile strength, MPa (N/mm ²)	500 - 640	602
Yield strength, MPa (N/mm ²)	≥420	487
Impact energy (KV), J -40°C	≥47	78/85/86

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

Index	Actual data
C	0.083
Si	0.80
Mn	1.60
S	0.011
P	0.018
Cr	0.038
Ni	0.048
Mo	0.002
V	0.002
Al	0.014
Ti+Zr	0.001
Cu	0.16

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)