

QUALITY CERTIFICATE
respectively EN 10204 - 3.1

No 2207-222 Date: 21.07.2022

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

Counterparty:

Nomination	Quantity packs, pcs	Total weight, kg
Welding wire copper coated G3Si1 d 1.2 mm	-	

Standard/Classification	EN ISO 14341-A- G 42 4 M21 3Si1 AWS A5.18: ER70S-6
Batch No	280

Mechanical properties of weld metal

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

Chemical analysis of weld metal, %

Index	Actual data
C	0.07
Si	0.80
Mn	1.60
S	0.018
P	0.017
Cr	0.02
Ni	0.02
Mo	0.002
V	0.002
Al	0.003
Ti+Zr	0.002
Cu	0.11

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.

Head of Technical Control Department



(caption)

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