

QUALITY CERTIFICATE
respectively EN 10204 - 3.1

No **2208-197** Date: **24.08.2022**

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 G4Si1 (CB-08Г2C) d 1.2 mm	-	

Standard/Classification	EN ISO 14341-A- G 46 4 M21 4Si1 AWS A5.18: ER70S-6
Batch No	287

Mechanical properties of weld metal

Index	Typical data	Actual data
Tensile strength, MPa (N/mm ²)	530 - 680	587
Elongation, %	≥20	25
Yield strength, MPa (N/mm ²)	≥460	485
Impact energy (KV), J -40°C	≥47	54/62/100

Chemical analysis of weld metal, %

Index	Actual data
C	0.093
Mn	1.84
Si	0.86
S	0.015
P	0.016
Cr	0.02
Ni	0.02
Mo	0.002
V	0.002
Al	0.002
Ti+Zr	0.001
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)