

QUALITY CERTIFICATE respectively EN 10204 - 3.1

№ **2206-048** Date: **06.06.2022**

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

Counterparty:

Nomination	Quantity packs, pcs	Total weight, kg
Welding electrodes Monolith RC d 3.2 mm	-	

Standard/Classification	EN ISO 2560-A-E 42 0 RC 1 1 AWS A5.1: E6013
Batch №	024

Mechanical properties of weld metal

Index	Typical data	Actual data
Tensile strength, MPa (N/mm ²)	500 - 640	502
Elongation, %	≥22	31
Impact strength (KCU), J/cm ² + 20°C	≥78	128/133/130
Yield strength, MPa (N/mm ²)	≥420	432
Impact energy (KV), J 0°C	≥47	75/81/76

Chemical analysis of weld metal, %

Index	Typical data	Actual data
C	≤0.11	0.09
Si	0.15 - 0.40	0.29
Mn	0.40 - 0.65	0.40
P	≤0.035	0.029
S	≤0.03	0.013

The manufacturer guarantees that the content of chemical elements and the mechanical properties of the weld metal meet the requirements of EN ISO 2560, 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)