



Electro Portugal

CERTIFICADO DE INSPECÇÃO  
INSPECTION CERTIFICATE

CERTIFICATE NO. /  
CERTIFICADO NO.: CQ-E0123/02201

DATE OF ISSUE /  
DATA EMISSÃO: 06/12/2023

Customer/Cliente: -

Shipment/Expedição:

TRADE DESIGNATION / DESIGNAÇÃO	DIAMETER X LENGTH (mm) DIÂMETRO x COMPRIMENTO (mm)	LOT LOTE	APPLICABLE SPECIFICATION AND CLASSIFICATION NORMAS APLICÁVEIS
VARETA TIG EUROTROD T/G 20	Ø 2,4 mm	24223577	AWS A5.18 ER70S-6 EN ISO 636-A- W 46 2 3Si1

1. CHEMICAL COMPOSITIONS OF ALL WELD METAL (wt%) ( Accordind to EN 10 204-3.1 ) / ANÁLISE QUÍMICA DO METAL DEPOSITADO (wt%) ( de acordo com EN 10 204-3.1 )

ELEMENT / ELEMEN TO	C	Si	Mn	P	S	Cr	Ni	Mo	Cu	V	Nb	Be	Bi
WELD METAL / METAL DEPOSITADO	0,07	0,87	1,42	0,01	0,012	0,033	0,04	0,006	0,109	0,009	---	---	---

ELEMENT / ELEMEN TO	Al	Ti	Zr	N	W	Pb	Sn	Mg	Fe	Co	Zn	Ga	B
WELD METAL / METAL DEPOSITADO	0,011	0,002	0,006	---	---	---	---	---	---	---	---	---	---

2. TENSILE TEST OF ALL WELD METAL (According to EN 10 204-2.2 ) /

CARACTERÍSTICAS MECÂNICAS DO METAL DEPOSITADO (de acordo com EN 10 204-2.2 )

YIELD STRENGTH / TENSÃO CEDÊNCIA N/mm2	TENSILE STRENGTH / TENSÃO RUPTURA N/mm2	ELONGATION / ALONGAMENTO GL= --- D(%)
480	560	28

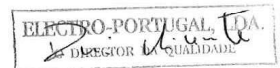
3. CHARPY IMPACT TEST OF WELD METAL (According to EN 10 204-2.2 ) /

FNSAIO RFSII IÊNCIA DO METAL DEPOSITADO (de acordo com EN 10 204-2.2 )

TESTING TEMPERATURE / TEMPERATURA TFSTF (°C)	ABSORBED ENERGY / ENERGIA ABSORVIDA (J)
-20	90
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Remarks / Observações

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ELECTRO PORTUGAL  
QA Manager  
Director Qualidade

WE HEREBY CERTIFY THAT THE TEST RESULTS OF THE ABOVE WELDING MATERIAL ARE UNDER THE REQUIRED RULES.  
CERTIFICAMOS QUE OS RESULTADOS DOS TESTES CUMPREM COM AS NORMAS REQUERIDAS.