



**INSPECTION CERTIFICATE** According to EN 10204 3.1

No.7400

Designation	E6013	Specification	Φ 2.0 X 300mm	Batch No.	102401 1	Date	2024-1-7	Quantity	0.5t
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**CHEMICAL COMPOSITIONS OF DEPOSITED METAL**

COMPOSITIONS	C	Mn	Si	S	P
REQUIREMENTS	≤0.12	0.30-0.60	≤0.30	≤0.035	≤0.040
RESULT	0.073	0.33	0.18	0.024	0.024

**Mechanical Properties of Deposited Metal**

**ButtWeld**

Tensile Test				Impact Test				NDT			
Y.P(MPa)	T.S(MPa)	%	Temp.	Value(J)							
≥330	≥420	≥17	0°C	≥27			I				
395	430	22	0°C	51	52	53	52	I			

(Surface Appearance Quality: EXCELLENT)

APPROVED BY	GRADE	Quality Management System Audit	ISO9001-2015	(ml/100g)	
CE TUV					

GB/T5117-2012

(Fitted as GB/T5117-2012 Covered electrodes for manual metal arc welding of non-alloy and fine grain steel E4313

AWS A5.1 E6013

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