



INSPECTION CERTIFICATE According to EN 10204 3.1

No.7410

Designation	E7018	Specification	Φ4.0×400mm	Batch No.	342401 1	Date	2024.01.10	Quantity	0.5T	
CHEMICAL COMPOSITIONS OF DEPOSITED METAL										
COMPOSITIONS	C	Mn	Si	S	P	其它				
REQUIREMENTS	≤0.12	≤1.6	≤0.75	≤0.035	≤0.035					
RESULT	0.057	1.33	0.38	0.008	0.019					
Mechanical Properties of Deposited Metal							ButtWeld			
Tensile Test				Impact Test				NDT		
Y.P(MPa)	T.S(MPa)	%	Temp.	Value(J)						
≥400	≥490	≥22	-30°C	≥27			I			
410	530	30	-30°C	180	179	173	177	I		
(Surface Appearance Quality: EXCELLENT)										
APPROVED BY	GRADE	Quality Management System Audit		ISO9001-2015		(ml/100g)				
CE TUV										
GB/T5117- (Fitted as GB/T5117-2012 Covered electrodes for manual metal arc welding of non-alloy and fine grain steel E5018 AWS A5.1 E7018										

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