



INSPECTION CERTIFICATE According to EN 10204 3.1

No.7409

Designation	E7018	Specification	Φ 3.2×350mm	Batch No.	332401 1	Date	2024.01.09	Quantity	1.25t	
CHEMICAL COMPOSITIONS OF DEPOSITED METAL										
COMPOSITIONS		C	Mn	Si	S	P				
REQUIREMENTS		≤0.12	≤1.6	≤0.75	≤0.035	≤0.035				
RESULT		0.069	1.35	0.37	0.009	0.017				
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		
	450	545	30	-30°C	171	174	182	175	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 E5018 AWS A5.1 E7018										

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