



**INSPECTION CERTIFICATE** According to EN 10204 3.1

No.7411

Designation	E7018	Specification	Φ 5.0×400mm	Batch No.	352311 1	Date	2023.11.12	Quantity	0.5t	
<b>CHEMICAL COMPOSITIONS OF DEPOSITED METAL</b>										
COMPOSITIONS		C	Mn	Si	S	P				
REQUIREMENTS		≤0.12	≤1.6	≤0.75	≤0.035	≤0.035				
RESULT		0.069	1.37	0.39	0.007	0.016				
<b>Mechanical Properties of Deposited Metal</b>							<b>ButtWeld</b>			
<b>Tensile Test</b>				<b>Impact Test</b>				NDT		
	Y.P(MPa)	T.S(MPa)	%	Temp.	Value(J)					
	≥400	≥490	≥22	-30°C	≥27			I		
	460	540	29.5	-30°C	167	171	180	172	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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