



No.BNR4500

Designation	E6013	Specification	Φ 2.5 X 350mm	Batch No.	122101 1	Date	16.01.2021	Quantity	2.1t	
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		0.78	0.33	0.16	0.024	0.023				
Mechanical Properties of Deposited Metal					ButtWeld					
Tensile Test				Impact Test						
	Y.P(MPa)	T.S(MPa)		Temp.	Value(J)				NDT	
	≥330	≥420	≥17	0°C	≥27				I	
	405	445	21	0°C	59	60	61	60	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										