

# CERTIFIED MATERIAL REPORT

CMR No. : 1908293700001

Date of Issue : 2019-08-29

Customer	M.BINDT TRADING		
Trade Name	S-7018.1H	Size	3.2mm*350mm
Lot No.	92608	Purchaser's Order No.	
Specification	AWS A5.1 E7018-1 * According to EN 10204-2004 : 3.1 EN ISO 2560-A E42 4 B 3 2 H5		

Welding Current	DCEP	Shielding Gas	-	Post Weld Heat Treatment ( x hr.)	AS WELDED			
Mechanical Properties	Tensile Test			Impact Test (CVN - Joule)				
	YS(MPa)	TS(MPa)	EL(%)	Temp.( )	X1	X2	X3	Avg.
	508	579	28.8	-50	75	83	90	83
AWS Spec.	400	490	22	-				

## Chemical Composition (%)

	C	Si	Mn	P	S	Ni	Cr	Mo	V		
(Weld Metal)	0.04	0.44	1.29	0.013	0.006	0.25	0.04	0.01	0.02		
AWS Spec.	0.15	0.75	1.60	0.035	0.035	0.30	0.20	0.30	0.08		

\*Hydrogen Content (M<sub>2</sub>/100g) ( AWS A4.3 ) : 3.7

Others

We hereby certify that the material covered by this report has been inspected in accordance with and been found to meet the applicable requirements of specification and customer's requirements.

Approved by

*K.W. Park*

QA Manager Park K. W.



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