

CERTIFIED MATERIAL REPORT

CMR No. : 1610283700027

Date of Issue : 2016-10-28

Customer	M.BINDT TRADING		
Trade Name	S-7018.G	Size	2.6mm*350mm
Lot No.	636100	Purchaser's Order No.	-
Specification	AWS A5.1 E7018 * According to EN 10204-2004 : 3.1 EN ISO 2560-A E 42 3 B 1 2		

Welding Current	DCEP	Shielding Gas	-	Post Weld Heat Treatment (°C × hr.)	AS WELDED			
Mechanical Properties	Tensile Test			Impact Test (CVN - Joule)				
	YS(MPa)	TS(MPa)	EL(%)	Temp.(°C)	X1	X2	X3	Avg.
	557	619	25.1	-30	85	94	98	92
AWS Spec.	≥ 400	≥ 490	≥ 22	≥ 27				

Chemical Composition (%)											
(Weld Metal)	C	Si	Mn	P	S	Ni	Cr	Mo	V		
	0.08	0.48	1.33	0.016	0.010	0.04	0.04	0.01	0.01		
	AWS Spec.	≤ 0.15	≤ 0.75	≤ 1.60	≤ 0.035	≤ 0.035	≤ 0.30	≤ 0.20	≤ 0.30	≤ 0.08	

Others
Tested with S-7018.G 4.0mm to obtain the above results.

ORIGINAL

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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