

CERTIFIED MATERIAL REPORT

CMR No. : 1507103500001

Date of Issue : 2015-07-10

Customer	M.BINDT TRADING		
Trade Name	S-7018.1H	Size	4.0mm*350mm
Lot No.	52606	Purchaser's Order No.	-
Applicable Specification	AWS A5.1 E7018-1 * According to EN 10204-2004 : 3.1 Equivalent to EN ISO 2560-A E42 4 B 3 2 H5		

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.
	497	564	26.8	-46	82	72	52	69
Spec.	≥ 400	≥ 490	≥ 22	-				

Chemical Composition (%)

	C	Si	Mn	P	S	Ni	Cr	Mo	V		
	(Weld Metal)	0.05	0.41	1.33	0.016	0.006	0.23	0.04	0.01	0.02	
	Spec.	≤ 0.15	≤ 0.75	≤ 1.60	≤ 0.035	≤ 0.035	≤ 0.30	≤ 0.20	≤ 0.30	≤ 0.08	

Others

ORIGINAL

We hereby certifies 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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