

# CERTIFIED MATERIAL REPORT

CMR No. : 1612283700002

Date of Issue : 2016-12-28

Customer	M.BINDT TRADING		
Trade Name	S-8018.B2	Size	2.6mm*350mm
Lot No.	10000310AA6FA1	Purchaser's Order No.	-
Specification	AWS A5.5 E8018-B2 Equivalent to EN 1599 E CrMo1 B 3 2		

Welding Current	AC	Shielding Gas	-	Post Weld Heat Treatment (°C × hr.)	690 X 1			
Mechanical Properties	Tensile Test			Impact Test (CVN - Joule)				
	YS(MPa)	TS(MPa)	EL(%)	Temp.(°C)	X1	X2	X3	Avg.
	520	623	24.4		-	-	-	-
AWS Spec.	≥ 460	≥ 550	≥ 19	-				

**Chemical Composition (%)**

	C	Si	Mn	P	S	Cr	Mo				
(Weld Metal)	0.06	0.17	0.70	0.010	0.002	1.16	0.54				
AWS Spec.	0.05 ~0.12	≤ 0.80	≤ 0.90	≤ 0.03	≤ 0.03	1.00 ~1.50	0.40 ~0.65				

**Others**

\* According to EN 10204-2004 : 3.1(Chemical)

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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