

# CERTIFIED MATERIAL REPORT

CMR No. : 1707263700004

Date of Issue : 2017-07-26

Customer	M.BINDT TRADING		
Trade Name	S-8018.B2	Size	3.2mm*350mm
Lot No.	10000314AA6KA1	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.
	566	650	27.4		-	-	-	-
AWS Spec.	≥460	≥550	≥ 19	-				

Chemical Composition (%)

	C	Si	Mn	P	S	Cr	Mo				
(Weld Metal)	0.07	0.18	0.65	0.007	0.003	1.31	0.59				
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*

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