

CERTIFIED MATERIAL REPORT

CMR No. : 1405153500010

Date of Issue : 2014-05-15

Customer	M.BINDT TRADING		
Trade Name	SC-70T Cored	Size	1.2mm*15kg
Lot No.	20003831AA4DG1	Purchaser's Order No.	-
Applicable Specification	AWS A5.18 E70C-6M * According to EN 10204-2004 : 3.1 EN ISO 17632-A T 46 2 M M 1		

Welding Current	DCEP	Shielding Gas	80%Ar+20%CO ₂	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.
	533	599	29.4	-30	74	83	90	82
Spec.	≥400	≥482	≥22	≥27				

Chemical Composition (%)

(Weld Metal)	C	Si	Mn	P	S	Cu	Ni	Cr	Mo	V	
	0.07	0.69	1.44	0.010	0.004	0.03	0.03	0.04	0.01	0.01	
	Spec.	≤0.12	≤0.90	≤1.75	≤0.03	≤0.03	≤0.50	≤0.50	≤0.20	≤0.30	≤0.08

Others

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

Sang Hee Lee

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ORIGINAL



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