

CERTIFIED MATERIAL REPORT

CMR No. : OG0411352325

Date of Issue 2013/07/04

Customer	M.BINDT TRADING		
Trade Name	SC-70T Cored	Size	1.2 mm * 15 kg
Lot No.	MF212018	Purchaser's Order No.	-

Applicable Specification	AWS A5.18 E70C-6M EN ISO 17632-A T 46 2 M M 1	* According to EN10204 3.1 : 2004
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Welding Current	DCEP	Shielding Gas	80%Ar+ 20%CO ₂	Post Weld Heat Treatment (°C × hr.)	AS WELDED
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Mechanical Properties	Tensile Test			Impact Test (CVN - Joule)				
	YS (MPa)	TS (MPa)	EL (%)	Temp.(°C)	X1	X2	X3	Avg.
	486	563	28.8	-30	73	86	87	82
Spec.	≥400	≥482	≥22	≥27				

Chemical Composition (%)											
(Weld Metal)	C	Si	Mn	P	S	Cu	Ni	Cr	Mo	V	
	0.08	0.60	1.30	0.014	0.012	0.02	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

*CONTRACT NO.: 10917
20,119kg

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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