

CERTIFIED MATERIAL REPORT

CMR No. : OG1611352322

Date of Issue 2013/07/16

Customer		M.BINDT TRADING									
Trade Name		SC-70T Cored				Size		1.2 mm * 15 kg			
Lot No.		20003831AA3FF3				Purchaser's Order No.		-			
Applicable Specification		AWS A5.18 E70C-6M				* According to EN10204 3.1 : 2004					
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.			
	495	572	29.2	-30	75	58	64	66			
Spec.	≥400	≥482	≥22	≥27							
Chemical Composition (%)											
(Weld Metal)	C	Si	Mn	P	S	Cu	Ni	Cr	Mo	V	
	0.07	0.60	1.46	0.011	0.008	0.02	0.03	0.03	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.: 17774 19,770KG											

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



QA Manager Lee, S. H.

ORIGINAL



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