


CERTIFIED MATERIAL REPORT

CMR No. : 1401143500006

Date of Issue : 2014-01-14

Customer		M.BINDT TRADING										
Trade Name		SF-71MC				Size		1.2mm*15kg				
Lot No.		MF3130L0				Purchaser's Order No.		-				
Applicable Specification		AWS A5.20 E71T-12C/-12M EN ISO 17632-A T 46 3 P M 1				* According to EN 10204-2004 : 3.1						
Welding Current	DCEP	Shielding Gas	75%Ar+25%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.			
		530	581	29.6	-30	51	58	62	57			
Spec.		≥400	482~620	≥22	≥27							
Chemical Composition (%)												
(Weld Metal) Spec.		C	Si	Mn	P	S	Ni	Cr	Mo	V	Cu	
		0.04	0.47	1.00	0.012	0.006	0.01	0.03	0.01	0.01	0.01	
		≤0.12	≤0.90	≤1.60	≤0.03	≤0.03	≤0.50	≤0.20	≤0.30	≤0.08	≤0.35	
Others												
*CONTRACT NO.: 50128												
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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