

CERTIFIED MATERIAL REPORT

CMR No. : NL2711352314

Date of Issue 2012/12/27

Customer	M.BINDT TRADING		
Trade Name	SC-70ML	Size	1.2 mm * 15 kg
Lot No.	MF2120K8	Purchaser's Order No.	-
Applicable Specification	AWS A5.18 E70C-6M * According to EN10204 3.1 : 2004 Equivalent to EN ISO 17632-A T 46 4 M M 2		

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.
	504	583	27.4	-40	63	67	74	68
Spec.	≥400	≥482	≥22	-				

Chemical Composition (%)										
	C	Si	Mn	P	S	Cu	Ni	Cr	Mo	V
(Weld Metal)	0.05	0.60	1.47	0.012	0.007	0.02	0.43	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.:10881 10872
19.060MT

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.

ORIGINAL

Approved by

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