

CERTIFIED MATERIAL REPORT

CMR No. : 1408183500007

Date of Issue : 2014-08-18

Customer	M.BINDT TRADING		
Trade Name	SM-70 eco	Size	0.8mm*15kg
Lot No.	835107	Purchaser's Order No.	-
Applicable Specification	AWS A5.18 ER70S-6 EN ISO 14341-A 3Si1		

* According to EN 10204-2004 : 3.1

Welding Current	DCEP	Shielding Gas	ISO 14175 M21	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.
	442	538	29.0	-40	99	101	102	101
Spec.	≥ 400	≥ 482	≥ 22	-				

Chemical Composition (%)

(WIRE) Spec.	C	Si	Mn	P	S	Cu	Ni	Cr	Mo	V	
	0.12	0.93	1.50	0.013	0.012	0.17	0.05	0.06	0.08	0.01	
	0.06 ~ 0.15	0.80 ~ 1.15	1.40 ~ 1.85	≤ 0.025	≤ 0.035	≤ 0.50	≤ 0.15	≤ 0.15	≤ 0.15	≤ 0.15	≤ 0.03

Others

* Q'ty : 2,160kg

ORIGINAL

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.



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