

CERTIFIED MATERIAL REPORT

CMR No. : MC2511331305

Date of Issue 2011/03/25

Customer	M.BINDT TRADING		
Trade Name	SF-71MC	Size	1.2 mm * 5 kg
Lot No.	MF1120C8	Purchaser's Order No.	-
Applicable Specification	AWS A5.20 E71T-12C/-12M * According to EN10204 3.1 : 2004 Equivalent to EN ISO 17632-A T 42 2 P M/C 1		

Welding Current	DCEP	Shielding Gas	75%Ar+ 25%CO ₂	Post Weld Heat Treatment (°C × hr.)	AS WELDED
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Mechanical Properties	Tensile Test			Impact Test (CVN - Joule)				
	YS (N/mm ²)	TS (N/mm ²)	EL (%)	Temp.(°C)	X1	X2	X3	Avg.
	557	619	23.2	-30	68	80	98	82
Spec.	≥400	482~620	≥22	≥27				

Chemical Composition (%)											
	C	Si	Mn	P	S	Ni	Cr	Mo	V	Cu	
(Weld Metal)	0.06	0.59	1.44	0.011	0.005	0.03	0.03	0.01	0.03	0.01	
Spec.	≤0.12	≤0.90	≤1.60	≤0.03	≤0.03	≤0.50	≤0.20	≤0.30	≤0.08	≤0.35	

Others

*CONTRACT NO.:10646 10624
19.650MT

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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