

CERTIFIED MATERIAL REPORT

CMR No. : 1410223500022

Date of Issue : 2014-10-22

Customer		M.BINDT TRADING									
Trade Name		SC-71MJ				Size		1.2mm*5kg			
Lot No.		20006686AA4IE1				Purchaser's Order No.		-			
Applicable Specification		AWS A5.20 E71T-9M-J * According to EN 10204-2004 : 3.1 Equivalent to EN ISO 17632-A T 46 4 P M 1									
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.		
		539	574	27.4	-40	82	95	97	91		
Spec.		≥ 390	490~670	≥ 22	≥ 27						
Chemical Composition (%)											
(Weld Metal)		C	Si	Mn	P	S	Ni	Cr	Mo	V	Cu
		0.05	0.27	1.04	0.009	0.005	0.44	0.03	0.01	0.02	0.02
		Spec. ≤ 0.12	≤ 0.90	≤ 1.75	≤ 0.03	≤ 0.03	≤ 0.50	≤ 0.20	≤ 0.30	≤ 0.08	≤ 0.35
Others											
<p>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.</p> <p style="text-align: right;">Approved by</p> <p style="text-align: right;"><i>Sang Hae Lee</i></p> <p style="text-align: right;">QA Manager Lee, S. H.</p>											



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