

CERTIFIED MATERIAL REPORT

CMR No. : 1611113700010

Date of Issue : 2016-11-11

Customer		M.BINDT TRADING									
Trade Name		SC-71LHM Cored				Size		1.0mm*5kg			
Lot No.		20007923AA6JE2				Purchaser's Order No.		-			
Specification		AWS A5.36 E71T1-M21A2-CS1 EN ISO 17632-A T 46 3 P M 1				* According to EN 10204-2004 : 3.1					
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.			
	490	561	26.8	-30	60	79	79	73			
AWS Spec.	≥400	490-660	≥22	≥27							
Chemical Composition (%)											
(Weld Metal)	C	Si	Mn	P	S	Ni	Cr	Mo	V	Cu	
	0.04	0.49	1.13	0.012	0.007	0.01	0.03	0.01	0.03	0.02	
	AWS Spec.	≤0.12	≤0.90	≤1.75	≤0.030	≤0.030	≤0.50	≤0.20	≤0.30	≤0.08	≤0.35
*Hydrogen Content(ml/100g) (AWS A4.3) : 3.70											
<p>Others</p> <div style="border: 2px solid blue; padding: 10px; display: inline-block; margin: 20px auto;">ORIGINAL</div>											
<p>We hereby certify 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>Approved by</p> <div style="text-align: right; margin-right: 50px;"> QA Manager Park K. W. </div>											



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