

CERTIFIED MATERIAL REPORT

CMR No. : 1606243700011

Date of Issue : 2016-06-24

Customer	M.BINDT TRADING		
Trade Name	SC-71LHM Cored	Size	1.2mm*15kg
Lot No.	MF6220	Purchaser's Order No.	-
Specification	AWS A5.36 E71T1-M21A2-CS1 * According to EN 10204-2004 : 3.1 EN ISO 17632-A T 46 3 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.
		553	604	28.8	-30	50	50	52	51
AWS Spec.		≥ 400	490~660	≥ 22	≥ 27				

Chemical Composition (%)

	C	Si	Mn	P	S	Ni	Cr	Mo	V	Cu	
(Weld Metal)	0.05	0.49	1.15	0.009	0.008	0.03	0.04	0.01	0.01	0.02	
AWS Spec.	≤ 0.12	≤ 0.90	≤ 1.75	≤ 0.030	≤ 0.030	≤ 0.50	≤ 0.20	≤ 0.30	≤ 0.08	≤ 0.35	

Others

ORIGINAL

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.

Approved by

K.W. Park

QA Manager Park K. W.



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