

CERTIFIED MATERIAL REPORT

CMR No. : 1402043500043

Date of Issue : 2014-02-04

Customer		M.BINDT TRADING									
Trade Name		SC-70ML				Size		1.2mm*15kg			
Lot No.		20003989AA3JF3				Purchaser's Order No.		-			
Applicable Specification		AWS A5.18 E70C-6M * According to EN 10204-2004 : 3.1 EN ISO 17632-A T 46 4 M M 2									
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.		
		476	540	29.4	-40	106	109	116	110		
Spec.		≥400	≥482	≥22	-						
Chemical Composition (%)											
(Weld Metal)		C	Si	Mn	P	S	Cu	Ni	Cr	Mo	V
		0.03	0.50	1.35	0.011	0.009	0.02	0.37	0.04	0.01	0.01
		Spec.	≤0.12	≤0.90	≤1.75	≤0.03	≤0.03	≤0.50	≤0.50	≤0.20	≤0.30
Others											
*CONTRACT NO.: 50106											
<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> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="border: 1px solid gray; padding: 5px; opacity: 0.5; font-size: 2em; font-weight: bold;">ORIGINAL</div> <div style="text-align: right;"> <hr style="width: 100%;"/> <p>QA Manager Lee, S. H.</p> </div> </div>											



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