

CERTIFIED MATERIAL REPORT

CMR No. : 1712113700005

Date of Issue : 2017-12-11

Customer		A-LEAF									
Trade Name		Superflux 800T X M-12K				Size		10 X 48 Mesh			
Lot No.		2021125				Purchaser's Order No.		-			
Specification		AWS A5.17 F7A8 X EM12K * According to EN 10204-2004 : 3.1 EN ISO 14174 S A FB 1 (Superflux 800T)									
Welding Current	AC	Shielding Gas	-			Post Weld Heat Treatment (x hr.)			AS WELDED		
Mechanical Properties		Tensile Test				Impact Test (CVN - Joule)					
		YS(MPa)	TS(MPa)	EL(%)	Temp. ()	X1	X2	X3	Avg.		
		530	604	30.8	-60	54	62	74	63		
AWS Spec.		400	480 660	22	27						
Chemical Composition (%)											
(WIRE) AWS Spec.		C	Si	Mn	P	S	Cu				
		0.08	0.31	1.08	0.020	0.009	0.09				
		0.05 0.15	0.10 0.35	0.80 1.25	0.030	0.030	0.35				
Others											
<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 style="text-align: right;">Approved by</p> <p style="text-align: right; font-size: 1.2em;"><i>K.W. Park</i></p> <p style="text-align: right;">QA Manager Park K. W.</p>											



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