

CERTIFIED MATERIAL REPORT

CMR No. : 1804113800005

Date of Issue : 2018-04-11

Customer		FINLEX UK LTD										
Trade Name		S-309L.16				Size		3.2mm*350mm				
Lot No.		89902				Purchaser's Order No.		-				
Specification		AWS A5.4 E309L-16 EN ISO 3581-A E 23 12 L R										
Welding Current	AC	Shielding Gas		-		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.			
		430	579	46.8		-	-	-	-			
AWS Spec.		-	≥520	≥30	-							
Chemical Composition (%)												
(Weld Metal)		C	Si	Mn	P	S	Cu	Ni	Cr	Mo		
		0.03	0.72	1.26	0.018	0.014	0.01	12.93	23.69	0.04		
		AWS Spec. ≤0.04	≤1.00	0.5~2.5	≤0.04	≤0.03	≤0.75	12.0~14.0	22.0~25.0	≤0.75		

Others

* According to EN 10204-2004 : 3.1(Chemical)

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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