

CERTIFIED MATERIAL REPORT

CMR No. :KF1211381502

Date of Issue 2009/06/12

Customer	FINLEX UK LTD.		
Trade Name	SW-309L Cored	Size	1.2 mm * 15 kg
Lot No.	SW9926C	Purchaser's Order No.	-
Applicable Specification	AWS A5.22 E309LT1-1		

Welding Current	DCEP	Shielding Gas	CO ₂	Post Weld Heat Treatment (°C × hr.)	AS WELDED
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Mechanical Properties	Tensile Test			Impact Test (CVN - Joule)				
	YS (N/mm ²)	TS (N/mm ²)	EL (%)	Temp.(°C)	X1	X2	X3	Avg.
	-	547	37.8					
Spec.	-	≥520	≥30					

Chemical Composition (%)

	C	Si	Mn	P	S	Cu	Ni	Cr	Mo		
(DEPO.)	0.03	0.84	1.16	0.018	0.007	0.05	12.39	22.02	0.07		
Spec.	≤0.04	≤1.0	0.5 ~2.5	≤0.04	≤0.03	≤0.5	12.0 ~14.0	22.0 ~25.0	≤0.5		

Others

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

Sang Hye Lee

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