

CERTIFIED MATERIAL REPORT

CMR No. : ME2611331313

Date of Issue 2011/05/26

Customer	FINLEX UK LTD.		
Trade Name	SW-309L Cored	Size	1.0 mm * 15 kg
Lot No.	SW1926B	Purchaser's Order No.	-

Applicable Specification AWS A5.22 E309LT1-1/-4 * According to EN10204 3.1 : 2004
Equivalent to EN ISO 17633-A T 23 12 L P M/C 2

Welding Current	DCEP	Shielding Gas	80%Ar+ 20%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	43.6					
Spec.	-	≥520	≥30					

Chemical Composition (%)

	C	Si	Mn	P	S	Cu	Ni	Cr	Mo		
(Weld Metal)	0.03	0.93	1.15	0.021	0.009	0.05	12.13	22.41	0.08		
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

*P/I NO.:HWC-10656
8.280MT

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.

Approved by

Sang Hye Lee

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