

# CERTIFIED MATERIAL REPORT

CMR No. : LJ1511331327

Date of Issue 2010/10/15

Customer	FINLEX UK LTD.		
Trade Name	S-309L.16	Size	2.6 mm * 300 mm
Lot No.	09609	Purchaser's Order No.	-
Applicable Specification	AWS A5.4 E309L-16 * According to EN10204 3.1 : 2004		

Welding Current	AC	Shielding Gas	-	Post Weld Heat Treatment (°C × hr.)	AS WELDED
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Mechanical Properties	Tensile Test			Impact Test (CVN - Joule)				
	YS (N/mm <sup>2</sup> )	TS (N/mm <sup>2</sup> )	EL (%)	Temp.(°C)	X1	X2	X3	Avg.
	-	560	39.6					
Spec.	-	≥517	≥30					

## Chemical Composition (%)

	C	Si	Mn	P	S	Cu	Ni	Cr	Mo		
( Weld Metal )	0.02	0.60	0.75	0.024	0.015	0.09	12.67	23.13	0.31		
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

\*P/I NO.:HWC-10566  
11.730MT

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.

**ORIGINAL**

Approved by

*Sang Hye Lee*

QA Manager Lee, S. H.



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