

# CERTIFIED MATERIAL REPORT

CMR No. : 2011134000004

Date of Issue : 2020-11-13

Customer	Lascentrum Norge		
Trade Name	SMT-309LSi Inox	Size	2.4mm*1000mm*5kg
Lot No.	V14534	Purchaser's Order No.	-
Specification	AWS A5.9 ER309LSi EN ISO 14343-A W 23 12 L Si		

Welding Current		Shielding Gas		Post Weld Heat Treatment (°C × hr.)	
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Mechanical Properties								
Weld Metal	Tensile Test			Impact Test (CVN - Joule)				
	YS(MPa)	TS(MPa)	EL(%)	Temp.(°C)	X1	X2	X3	Avg.
	-	-	-		-	-	-	-
AWS Spec.								

Chemical Composition (%)											* According to EN 10204-2004 : 3.1	
WIRE	C	Si	Mn	P	S	Cu	Ni	Cr	Mo			
	0.025	0.88	1.92	0.028	0.006	0.14	12.59	23.05	0.13			
AWS Spec.	≤0.03	0.65 ~1.00	1.0 ~2.5	≤0.03	≤0.03	≤0.75	12.0 ~14.0	23.0 ~25.0	≤0.75			

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

*K.W. Park*

QA Manager Park K. W.



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