

# CERTIFIED MATERIAL REPORT



CMR No. : HDV – 2025 – 0264

Date of Issue : 2025 – 02 – 12

Customer	BINH MINH CO.,JSC TEL: 0904499667 - WEB: WWW.SIEUTHIQUEHAN.COM				
Trade Name	SMT-309L	Size	2.4 mm x 1,000 mm		
Lot No.	E050924	Purchaser's Order No.	HWC-241113V1		
Specification	AWS A5.9 ER309L * According to EN 10204-2004 : 3.1				
Welding Current	-	Shielding Gas	-	Post Weld Heat Treatment (°C×hr.)	-

## Mechanical Properties

Weld Metal	Tensile Test			Impact Test (CVN - Joule)				
	YS (MPa)	TS (MPa)	EL (%)	Temp. (°C)	X <sub>1</sub>	X <sub>2</sub>	X <sub>3</sub>	Avg.
	-	610	40	-	-	-	-	-
AWS Spec.	-	-	-	-				

## Chemical Composition (%)

Weld Metal	C	Si	Mn	P	S	Cu	Ni	Cr	Mo
	0.015	0.45	2.33	0.019	0.014	0.02	13.66	23.14	0.04
AWS Spec.	≤0.03	0.30 ~0.65	1.0 ~2.5	≤0.03	≤0.03	≤0.75	12.0 ~14.0	23.0 ~25.0	≤0.75

## Others

\* Q'ty: 500 kg

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

QA Manager Pham Dinh Anh Vu

## HYUNDAI WELDING VINA CO., LTD.

Road N2, Nhon Trach 5 IZ, Hiep Phuoc Ward, Nhon Trach District, Dong Nai Province, Vietnam.