

# CERTIFIED MATERIAL REPORT

CMR No. : 2401244300007

Date of Issue : 2024-01-24

Customer	SPECIALISED WELDING PRODUCTS LIMITE		
Trade Name	S-308L.17	Size	3.2mm*350mm
Lot No.	232111	Purchaser's Order No.	-
Specification	AWS A5.4 E308L-17 Equivalent to EN ISO 3581-A E 19 9 L R		

Welding Current	AC	Shielding Gas	-	Post Weld Heat Treatment (°C × hr.)	AS WELDED
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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.
	400	560	38.0		-	-	-	-
AWS Spec.	-	≥ 520	≥ 35		-			

**Chemical Composition (%)**

\* According to EN 10204-2004 : 3.1

Weld Metal	C	Si	Mn	P	S	Cu	Ni	Cr	Mo		
	0.03	0.51	0.63	0.026	0.011	0.03	9.63	18.43	0.05		
AWS Spec.	≤ 0.04	≤ 1.00	0.5 ~ 2.5	≤ 0.04	≤ 0.03	≤ 0.75	9.0 ~ 11.0	18.0 ~ 21.0	≤ 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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