

CERTIFIED MATERIAL REPORT

CMR No. : 2401244300011

Date of Issue : 2024-01-24

Customer	SPECIALISED WELDING PRODUCTS LIMITE		
Trade Name	SW-308L Cored	Size	1.2mm*15kg
Lot No.	20005912CB23JE7	Purchaser's Order No.	-
Specification	AWS A5.22 E308LT1-1/-4 EN ISO 17633-A - T 19 9 L P M21/C1 2		

Welding Current	DCEP	Shielding Gas	CO ₂	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.
	430	560	42.0		-	-	-	-
AWS Spec.	-	≥ 520	≥ 30		-			

Chemical Composition (%)

* According to EN 10204-2004 : 3.1

Weld Metal	C	Si	Mn	P	S	Cu	Ni	Cr	Mo		
	0.03	0.74	1.42	0.018	0.005	0.06	9.71	18.75	0.04		
AWS Spec.	≤ 0.04	≤ 1.0	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.



0035-CPR-C760
EN13479
0035 06 / HWC-401

Approved by

K.W. Park

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