

CERTIFIED MATERIAL REPORT

CMR No. : 2401244300015

Date of Issue : 2024-01-24

Customer	SPECIALISED WELDING PRODUCTS LIMITE		
Trade Name	SW-316L Cored	Size	1.2mm*15kg
Lot No.	20005944CB23JE7	Purchaser's Order No.	-
Specification	AWS A5.22 E316LT1-1/-4 EN ISO 17633-A - T 19 12 3 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.
	454	550	44.0		-	-	-	-
AWS Spec.	-	≥ 485	≥ 30		-			

Chemical Composition (%)

* According to EN 10204-2004 : 3.1

Weld Metal	C	Si	Mn	P	S	Cu	Ni	Cr	Mo		
	0.03	0.77	1.46	0.017	0.006	0.08	11.79	17.58	2.59		
AWS Spec.	≤ 0.04	≤ 1.0	0.5 ~2.5	≤ 0.04	≤ 0.03	≤ 0.75	11.0 ~14.0	17.0 ~20.0	2.0 ~3.0		

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-403

Approved by

K.W. Park

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