

CERTIFIED MATERIAL REPORT

CMR No. : 2401244300512

Date of Issue : 2024-01-24

Customer	SPECIALISED WELDING PRODUCTS LIMITE		
Trade Name	Supercored 309L	Size	1.2mm*15kg
Lot No.	20006953EB23DE7	Purchaser's Order No.	
Specification	AWS A5.22 E309LTO-1/-4 EN ISO 17633-A - T 23 12 L R M21/C1 3		

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.
	370	530	44.2		-	-	-	-
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	0.75	1.43	0.019	0.005	0.04	13.16	24.23	0.05		
AWS Spec.	≤ 0.04	≤ 1.0	0.5 ~2.5	≤ 0.04	≤ 0.03	≤ 0.75	12.0 ~14.0	22.0 ~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.



0035-CPR-C760
0035 06 / HWC-405
EN13479

Approved by

K.W. Park

QA Manager Park K. W.



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