

CERTIFIED MATERIAL REPORT

CMR No. : 2401174300007

Date of Issue : 2024-01-17

Customer	SPECIALISED WELDING PRODUCTS LIMITE		
Trade Name	M-12K	Size	3.2mm*25kg
Lot No.	232002121	Purchaser's Order No.	-
Specification	AWS A5.17 EM12K AS/NZS ISO 14171-A - S2Si		

Welding Current		Shielding Gas		Post Weld Heat Treatment (°C × hr.)	
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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.
	-	-	-		-	-	-	-
AWS Spec.								

Chemical Composition (%)

* According to EN 10204-2004 : 3.1

WIRE	C	Si	Mn	P	S	Cu	Ni	Cr	Mo	V	Al
	0.09	0.24	0.99	0.010	0.005	0.11	0.01	0.02	0.01	0.01	0.001
AWS Spec.	0.05 ~0.15	0.10 ~0.35	0.80 ~1.25	≤0.030	≤0.030	≤0.35	-	-	-	-	-

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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