

# CERTIFIED MATERIAL REPORT

CMR No. : 2401174300006

Date of Issue : 2024-01-17

Customer	SPECIALISED WELDING PRODUCTS LIMITE		
Trade Name	M-12K	Size	2.4mm*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	0.13	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.



**HYUNDAI WELDING CO., LTD.**

Head Office

507, Teheran-ro, Gangnam-gu, Seoul, Republic of Korea

Pohang Plant

100, Daesong-ro, Nam-gu, Pohang, Republic of Korea