

CERTIFIED MATERIAL REPORT

CMR No. : 2401154300005

Date of Issue : 2024-01-15

Customer	SPECIALISED WELDING PRODUCTS LIMITE		
Trade Name	S-7024.F	Size	3.2mm*400mm
Lot No.	2316120	Purchaser's Order No.	
Specification	AWS A5.1 E7024 Equivalent to EN ISO 2560-A - E42 0 RR 7 4		

Welding Current	AC	Shielding Gas	-	Post Weld Heat Treatment (°C × hr.)	AS WELDED
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Mechanical Properties * According to EN 10204-2004 : 3.1

Weld Metal	Tensile Test			Impact Test (CVN - Joule)				
	YS(MPa)	TS(MPa)	EL(%)	Temp.(°C)	X1	X2	X3	Avg.
	510	594	23.5		-	-	-	-
AWS Spec.	≥ 400	≥ 490	≥ 17	-				

Chemical Composition (%) * According to EN 10204-2004 : 3.1

Weld Metal	C	Si	Mn	P	S	Ni	Cr	Mo	V		
	0.07	0.52	0.86	0.018	0.010	0.05	0.04	0.01	0.01		
AWS Spec.	≤ 0.15	≤ 0.90	≤ 1.25	≤ 0.035	≤ 0.035	≤ 0.30	≤ 0.20	≤ 0.30	≤ 0.08		

Others

Tested with S-7024.F 4.0mm to obtain the above results.

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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