

CERTIFIED MATERIAL REPORT

CMR No. : 2401154300010

Date of Issue : 2024-01-15

Customer	SPECIALISED WELDING PRODUCTS LIMITE		
Trade Name	S-717 X M-12K	Size	10 x 48 mesh
Lot No.	23061114	Purchaser's Order No.	
Specification	AWS A5.17 F7A6 X EM12K		

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.
	485	568	28.6	-50	50	52	56	53
AWS Spec.	≥ 400	480~660	≥ 22	≥ 27				

Chemical Composition (%)

* According to EN 10204-2004 : 3.1

WIRE	C	Si	Mn	P	S	Cu				
		0.10	0.24	1.01	0.015	0.009	0.09			
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

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