

CERTIFIED MATERIAL REPORT

CMR No. : JK0511331315

Customer	FINLEX UK LTD.		
Trade Name	S-7018.1	Purchaser's Order No.	-
Size	5.0 mm * 450 mm	Applicable Specification	AWS A5.1 E7018-1 According to EN10204 3.1 : 2004
Lot No.	46707	Date of Issue	2008/11/05

Welding Current	AC	Shielding Gas	-	Post Weld Heat Treatment (°C × hr.)	AS WELDED
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Mechanical Properties	Tensile Test			Impact Test (CVN - Joule)				
	YS (N/mm ²)	TS (N/mm ²)	EL (%)	Temp.(°C)	X1	X2	X3	Avg.
	477	540	26.2	-45	78	60	72	70

Spec.	≥400	≥482	≥22	≥27				
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Chemical Composition (%) (DEPO.)	C	Si	Mn	P	S	Ni	Cr	Mo	V		
	0.05	0.34	1.27	0.020	0.019	0.25	0.03	0.02	0.02		

Spec.	≤0.15	≤0.75	≤1.60	≤0.035	≤0.035	≤0.30	≤0.20	≤0.30	≤0.08		
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Others

Tested with S-7018-1 4.0mm to obtain the above-mentioned mechanical properties.
*P/I NO.:HWC-10158 20.175MT

We hereby certifies 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

SH Kim

QA Manager Kim, S. H



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