

# CERTIFIED MATERIAL REPORT

CMR No. : JK0411331321

Customer	FINLEX UK LTD.		
Trade Name	S-7018.G	Purchaser's Order No.	-
Size	5.0 mm * 400 mm	Applicable Specification	AWS A5.1 E7018 According to EN10204 3.1 : 2004
Lot No.	886100	Date of Issue	2008/11/04

Welding Current	DCEP	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 <sup>2</sup> )	TS (N/mm <sup>2</sup> )	EL (%)	Temp.(°C)	X1	X2	X3	Avg.
	468	555	26.8	-30	97	106	108	104

Spec.	≥400	≥482	≥22	≥27				
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Chemical Composition (%) ( DEPO. )	C	Si	Mn	P	S	Ni	Cr	Mo	V		
	Spec.	≤0.15	≤0.75	≤1.60	≤0.035	≤0.035	≤0.30	≤0.20	≤0.30	≤0.08	

Others  
Tested with S-7018.G 4.0mm to obtain the above results.

\* P/I NO. :HWC-15169 22.9MT

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  
  
QA Manager Kim, S. H



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