

# CERTIFIED MATERIAL REPORT

CMR No. : JI0211331345

Customer	FINLEX UK LTD.										
Trade Name	S-7018.G				Purchaser's Order No.	-					
Size	2.6 mm * 350 mm				Applicable Specification	AWS A5.1 E7018 According to EN1024 3.1 : 2004					
Lot No.	886070				Date of Issue	2008/09/02					
Welding Current	DCEP	Shielding Gas	-			Post Weld Heat Treatment (°C × hr.)	AS WELDED				
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.			
	458	551	28.6	-30	96	94	102	97			
Spec.	≥400	≥482	≥22	≥27							
Chemical Composition (%)	C	Si	Mn	P	S	Ni	Cr	Mo	V		
( DEPO. )	0.07	0.25	1.13	0.016	0.015	0.03	0.03	0.01	0.02		
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-15157,15156 42.1MT

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.

ORIGINAL

Approved by

SH Kim

QA Manager Kim, S. H



HYUNDAI WELDING CO., LTD.

Head Office  
Pohang Plant

157-37, Samsung-dong, Gangnam-gu, Seoul, Republic of Korea  
90-5, Jangheung-dong, Nam-gu, Pohang-si, Republic of Korea