

CERTIFIED MATERIAL REPORT

CMR No. : NB2311331321

Date of Issue 2012/02/23

Customer		FINLEX UK LTD.									
Trade Name		S-7018.G				Size		2.6 mm * 350 mm			
Lot No.		116060				Purchaser's Order No.		-			
Applicable Specification		AWS A5.1 E7018 * According to EN10204 3.1 : 2004									
Welding Current	DCEP	Shielding Gas	-			Post Weld Heat Treatment (°C × hr.)			AS WELDED		
Mechanical Properties	Tensile Test			Impact Test (CVN - Joule)							
	YS (MPa)	TS (MPa)	EL (%)	Temp.(°C)	X1	X2	X3	Avg.			
	500	585	28.2	-30	93	100	106	100			
Spec.	≥400	≥482	≥22	≥27							
Chemical Composition (%)											
(Weld Metal)	C	Si	Mn	P	S	Ni	Cr	Mo	V		
	0.06	0.43	1.13	0.021	0.013	0.01	0.04	0.01	0.02		
	Spec.	≤0.15	≤0.75	≤1.60	≤0.035	≤0.035	≤0.30	≤0.20	≤0.30	≤0.08	
<p>Others</p> <p>Tested with S-7018.G 4.0mm to obtain the above results.</p> <p style="text-align: center;">*P/I NO.:HWC-15941 15942 32.7MT</p>											
<p>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.</p> <p style="text-align: right;">Approved by</p> <p style="text-align: right;"><i>Sang Hee Lee</i></p> <p style="text-align: right;">QA Manager Lee, S. H.</p>											



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