

# CERTIFIED MATERIAL REPORT

CMR No. : JK0511331319

Customer		FINLEX UK LTD.										
Trade Name		S-6013.V				Purchaser's Order No.		-				
Size		4.0 mm * 400 mm				Applicable Specification		AWS A5.1 E6013 According to EN10204 3.1 : 2004				
Lot No.		81609				Date of Issue		2008/11/05				
Welding Current	AC	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.
		490		537		28.2						
Spec.		≥331		≥415		≥17						
Chemical Composition (%) ( DEPO. )		C	Si	Mn	P	S	Ni	Cr	Mo	V		
		0.09	0.30	0.51	0.024	0.009	0.05	0.05	0.02	0.02		
Spec.		≤0.20	≤1.00	≤1.20	-	-	≤0.30	≤0.20	≤0.30	≤0.08		

Others

\*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.

ORIGINAL

Approved by

SH Kim

QA Manager Kim, S. H



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