

# CERTIFIED MATERIAL REPORT

CMR No. : 1709223600005

Date of Issue : 2017-09-22

Customer		FINLEX UK LTD									
Trade Name		S-316L.16N				Size		3.2mm*350mm			
Lot No.		76705				Purchaser's Order No.		-			
Specification		AWS A5.4 E316L-16 EN ISO 3581-A E 19 12 3 L R									
Welding Current	AC	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.		
		475	594	44.8		-	-	-	-		
AWS Spec.		-	≥490	≥30	-						
Chemical Composition (%)											
(Weld Metal)		C	Si	Mn	P	S	Cu	Ni	Cr	Mo	
		0.02	0.80	0.83	0.016	0.011	0.01	12.38	18.41	2.88	
		AWS Spec. ≤0.04	≤1.00	0.5 ~2.5	≤0.04	≤0.03	≤0.75	11.0 ~14.0	17.0 ~20.0	2.0 ~3.0	
<p>Others</p> <p>* According to EN 10204-2004 : 3.1(Chemical)</p>											
<p>We hereby certify 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>K.W. Park</i></p> <p style="text-align: right;">QA Manager Park K. W.</p>											



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