

# CERTIFIED MATERIAL REPORT

CMR No. : 1803023800006

Date of Issue : 2018-03-02

Customer	FINLEX UK LTD		
Trade Name	S-316L.16N	Size	3.2mm*350mm
Lot No.	86702	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.
	432	591	47.6		-	-	-	-
AWS Spec.	-	≥ 490	≥ 30	-				

Chemical Composition (%)

	C	Si	Mn	P	S	Cu	Ni	Cr	Mo		
(Weld Metal)	0.02	0.85	0.93	0.013	0.009	0.02	12.53	18.94	2.83		
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		

Others

\* According to EN 10204-2004 : 3.1(Chemical)

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.

Approved by

**K.W. Park**

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