

# CERTIFIED MATERIAL REPORT

CMR No. : 1804263700015

Date of Issue : 2018-04-26

Customer	M.BINDT TRADING		
Trade Name	S-316L.16N	Size	2.6mm*300mm
Lot No.	86703	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 ( x hr.)	AS WELDED			
Mechanical Properties	Tensile Test			Impact Test (CVN - Joule)				
	YS(MPa)	TS(MPa)	EL(%)	Temp.( )	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	0.83	0.82	0.013	0.011	0.01	12.50	18.48	2.85		
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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