

CERTIFIED MATERIAL REPORT

CMR No. : 1706013700025

Date of Issue : 2017-06-01

Customer	HYUNDAI WELDING EUROPE OFFICE		
Trade Name	SMT-316LSi Inox	Size	1.0mm*15kg
Lot No.	V11892	Purchaser's Order No.	
Specification	AWS A5.9 ER316LSi * According to EN 10204-2004 : 3.1 EN ISO 14343-A G 19 12 3 L Si		

Welding Current	Shielding Gas		Post Weld Heat Treatment (x hr.)					
Mechanical Properties	Tensile Test			Impact Test (CVN - Joule)				
	YS(MPa)	TS(MPa)	EL(%)	Temp.()	X1	X2	X3	Avg.
	-	-	-		-	-	-	-
AWS Spec.								

Chemical Composition (%)											
	C	Si	Mn	P	S	Cu	Ni	Cr	Mo		
(WIRE)	0.015	0.88	1.90	0.029	0.008	0.05	11.52	18.53	2.55		
AWS Spec.	0.03	0.65 1.00	1.0 2.5	0.03	0.03	0.75	11.0 14.0	18.0 20.0	2.0 3.0		

Others

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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