

# 검사증명서

## MILL TEST CERTIFICATE



당진제철소 : 충남 당진시 송악읍 북부산업로 1480  
1480 Bukbusanup-Ro, Songak-Eup, Dengin-Si, Chungnam, Korea



주문번호 : E241000676  
Order No.

품명 : Hot Rolled Coil  
Commodity

제품규격 : ASTM A1011 CS TYPE B  
Specification

고객사 : SAMSUNG C&T AMERICA  
Customer  
주문자 : SAMSUNG C&T AMERICA  
Contractor

증명서 번호 : 20241218-HS-0003-010  
Certificate No.  
발행일자 : 2024-12-18  
Date of Issue

제품치수 Dimension (inch)	수량 Quantity	중량 Weight (Kg)	제강번호 Heat No.	제품번호 Product No.	Position	인장시험 Tensile Test							화학성분 Chemical Composition(%)																
						YP	TS	EL	YP-EL	RA	YR	YP Mtd	Division	단위 Unit 2 : x 100 3 : x 1,000 4 : x 10,000 5 : x 100,000															
						(KSI) ( )	(%)	(%)	(%)	(%)	(%)			C	Si	Mn	P	S	Cr	Ni	B	Cu	Mo	N	Nb	Ti	V	Sn -Al	Total -Al
0.1309"NOI48"xC	1	20,510	V27662	CYA59520	B	34.8	56.7	33				2	L	815	6	502	127	55	2	2	2	8	0	28	2	1	1	34	37
0.1309"NOI48"xC	1	20,660	V27662	CYA62370	B	33.3	55.3	35				2	L	815	6	502	127	55	2	2	2	8	0	28	2	1	1	34	37
0.1309"NOI48"xC	1	20,880	V27662	CYA64010	B	33.3	55.3	35				2	L	815	6	502	127	55	2	2	2	8	0	28	2	1	1	34	37
0.1309"NOI48"xC	1	20,570	V27679	CYA68050	B	31.5	53.2	38				2	L	770	5	369	104	47	2	2	1	8	0	30	2	0	1	40	41
0.1309"NOI48"xC	1	20,630	V27662	CYA93810	B	33.3	55.3	35				2	L	815	6	502	127	55	2	2	2	8	0	28	2	1	1	34	37
0.1309"NOI48"xC	1	20,910	V27679	CYB20710	B	32.6	54.8	35				2	L	770	5	369	104	47	2	2	1	8	0	30	2	0	1	40	41
*** Sub Total(011) ***		6	124,160(Kg)																										

NOTE  
 \* Position - T:Top, M:Middle, B:Bottom  
 \* Tensile test - Direction:Longitudinal, Gauge length:50mm (Rectangular), YP Mtd : 2 (0.2% off-set), 5 (0.5% underload), U (Upper yield point), L (Lower yield point)  
 \* Division - P:Product analysis, L:Ladle analysis  
 \* MELTED AND Poured IN REPUBLIC OF KOREA

WE HEREBY CERTIFY THAT THE MATERIAL HAS BEEN MADE AND TESTED IN ACCORDANCE WITH THE ABOVE SPECIFICATION AND THE REQUIREMENTS

Signature: T.S. Jang  
 Chief Of Hot Rolled Quality Team

P.O. # P0255666-01  
 10ga 48x96  
 HEAT # U27679

\* 본 검사증명서는 원본인 전자문서(전자서명 정보 포함)로부터 출력된 사본입니다. 전자문서의 내용은 현대제철 고객포털에서 확인하실 수 있습니다.(http://sm.hyundai-steel.com/cs/cm/login.jsp)  
 \* This Mill Test Certificate is a copy that has been printed from original electronic document(with digital signing).  
 You are able to check an original electronic document at hyundai-steel's customer portal.( http://sm.hyundai-steel.com/cs/cm/login.jsp) \* QRcode scanner App : 'QReal'  
 \* [사용상 주의사항] 본 검사증명서에 명기된 규격 외 사용시 제품손상 및 안전상 문제가 발생할 수 있습니다.  
 \* [Caution for Use] Damage on products and safety problems may arise if used other than to the spec stated in this Mill Test Certification.