

검사증명서

MILL TEST CERTIFICATE



당진제철소 : 충남 당진시 중안동 북부산업로 1480
 1480 Bukdusanmyeong-Ro, Songguk-Eup, Dangjin-Si, Chungnam, Korea



주문번호 : F200100191
 Order No. : F200100191
 고객사 : PLESA STEEL
 Customer : PLESA STEEL
 증명서 번호 : 20200402-PS-024-008
 Certificate No. : 20200402-PS-024-008
 품명 : HOT ROLLED STEEL PLATE
 Commodity : HOT ROLLED STEEL PLATE
 제품규격 : ASTM A572-50/A709-50
 Specification : ASTM A572-50/A709-50
 주문자 : HYUNDAI CORPORATION
 Contractor : HYUNDAI CORPORATION
 발행일자 : 2020-04-02
 Date of Issue : 2020-04-02

제품차수 Dimension	수량 Quantity	중량 Weight (Kg)	재강번호 Heat No.	제품번호 Product No.	인장시험 Tensile Test								화학성분 Chemical Composition(%)																		
					YP (N/mm ²)	TS	EL (%)	YP-EL (%)	RA (%)	YR (%)	YP Mid	YS _{0.01}	C	S	Mn	P	S	Cr	N	Cu	Mo	Nb	Ti	V	S ₄ -M						
50.8 x 2498 x 12192	1	11.852	R42916	FC19224701	T	388.6	583.3	29						2	L	1.530	336	1.440	155	42	3	2	2	2	3	3	0	34	15	33	30
50.8 x 2498 x 12192	1	11.852	R42919	FC19224801	T	450.2	607.4	27						U	L	1.650	343	1.455	142	34	3	1	1	21	0	34	14	32	32		
50.8 x 2498 x 12192	1	11.852	R42921	FC19224801	T	432.2	598.6	27						U	L	1.622	353	1.463	121	30	3	1	1	19	0	35	15	33	33		
					T									P	L	1.666	337	1.436	119	32	3	1	1	23	0	35	15	33	31		
					T									P	L	1.771	323	1.450	114	18	3	3	1	1	19	0	33	14	33	26	

*** Sub Total(Qty) *** 3 35.556(Kg)

*** Condition of supply : Controlled Rolling (Normalizing Rolling) ***

* Position - T:Top, M:Middle, B:Bottom
 * Tensile test - Direction: Transverse, Gauge length: 50mm (Round), YP Mid : 2 (0.2% off-set), 5 (0.5% underload), U (Upper yield point), L (Lower yield point)
 * Division - P:Product analysis, L:Ladle analysis

* The plate is fully killed and fine grained steel. Basic oxygen process and Vacuum degassing process were applied. * This Mill Test Certificate is issued in accordance with EN 10204 Type 3.1

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

Signature
 Chief Of Quality Assurance Team

S. B. Park

* 원 검사증명서는 원본인 검사문서(전자서명) 또는 포괄증명서 출력된 시본입니다. 전자서명의 내용은 위변조될 수 없습니다. (http://smh.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's customer portal (http://smh.hyundai-steel.com/cs/cm/login.jsp) * QRcode scanner App : 'Qreal'
 * [사용상 주의사항] 본 검사증명서에 영기된 규격 외 사용자 제품소상 및 안전상 문제가 발생될 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 Certificate.