

검사증명서

MILL TEST CERTIFICATE



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



주문번호 : F191100036
Order No.

품명 : HOT ROLLED STEEL PLATE
Commodity

제품규격 : ASTM A572-50/A709-50
Specification

고객사 : PLESA STEEL
Customer

주문자 : HYUNDAI CORPORATION
Contractor

증명서 번호 : 20191225-PS-008-014
Certificate No.

발행일자 : 2019-12-25
Date of Issue

제품지수 Dimension	수량 Quantity	중량 Weight (Kg)	제강번호 Heat No.	제품번호 Product No.	Position	인장시험 Tensile Test						화학성분 Chemical Composition(%)											단위 Unit			
						YP	TS	EL	YP-EL	RA	YR	YP Mtd	Division	C	Si	Mn	P	S	Cr	Ni	Cu	Mo	Nb	Ti	V	Sol-Al
						(N/mm ²)	(%)	(%)	(%)	(%)			4	3	3	4	4	2	2	3	2	3	3	3	3	
38.1 x 2438 x 12192	1	8,889	R32641	FB69082601	T	397.5	563.9	25				U	L	1,651	342	1,357	135	26	2	9	90	0	20	2	17	27
38.1 x 2438 x 12192	1	8,889	R32635	FB69393101	T	377.8	556.9	25				U	P	1,647	355	1,357	110	23	3	9	90	1	18	2	18	27
38.1 x 2438 x 12192	1	8,889	R32635	FB69393201	T	372.2	553.8	27				U	P	1,692	332	1,347	146	36	3	8	93	0	20	2	15	31
38.1 x 2438 x 12192	1	8,889	R32635	FB69393201	T	372.2	553.8	27				U	P	1,695	330	1,351	131	32	3	8	97	0	19	2	16	33
38.1 x 2438 x 12192	1	8,889	R32632	FC15637901	T	391.0	554.5	26				U	L	1,692	332	1,347	146	36	3	8	93	0	20	2	15	31
38.1 x 2438 x 12192	1	8,889	R32632	FC15637901	T	391.0	554.5	26				U	P	1,695	327	1,342	129	30	3	8	98	0	19	2	16	32
38.1 x 2438 x 12192	1	8,889	R32635	FC15674901	T	397.2	559.2	24				U	L	1,588	352	1,369	150	34	2	8	78	0	21	2	17	33
38.1 x 2438 x 12192	1	8,889	R32635	FC15674901	T	397.2	559.2	24				U	P	1,575	342	1,362	144	29	2	8	74	0	21	2	18	34
38.1 x 2438 x 12192	1	8,889	R32635	FC15675001	T	397.2	559.2	24				U	L	1,692	332	1,347	146	36	3	8	93	0	20	2	15	31
38.1 x 2438 x 12192	1	8,889	R32635	FC15675001	T	397.2	559.2	24				U	P	1,658	327	1,354	132	33	3	8	98	0	19	2	16	32
38.1 x 2438 x 12192	1	8,889	R32624	FC15675401	T	391.1	565.2	28				2	L	1,670	336	1,378	120	29	2	8	80	0	21	2	17	27
38.1 x 2438 x 12192	1	8,889	R32627	FC15675701	T	411.7	570.5	26				U	P	1,559	321	1,325	78	16	2	8	73	0	15	2	16	27
38.1 x 2438 x 12192	1	8,889	R32627	FC15675701	T	411.7	570.5	26				U	P	1,856	350	1,355	161	42	3	8	87	0	21	2	16	23
38.1 x 2438 x 12192	1	8,889	R32627	FC15675701	T	411.7	570.5	26				U	P	1,793	343	1,341	131	36	3	8	86	0	20	2	17	26

NOTE

- * Position - T:Top, M:Middle, B:Bottom
- * Tensile test - Direction:Transverse, Gauge length:200mm (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

* 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

상기의 제품은 검사의 결과 지정된 규격에 합격한 것을 증명합니다.
WE HEREBY CERTIFY THAT THE MATERIAL HAS BEEN MADE AND TESTED IN ACCORDANCE WITH THE ABOVE SPECIFICATION AND THE REQUIREMENTS

Signature: **S. B. Park**
Chief Of Quality Assurance Team