

검사증명서

MILL TEST CERTIFICATE



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

주문번호 Order No.	: F191100036	고객사 Customer	: PLESA STEEL	증명서 번호 Certificate No.	: 20191224-PS-005-026
품명 Commodity	: HOT ROLLED STEEL PLATE	주문자 Contractor	: HYUNDAI CORPORATION	발행일자 Date of Issue	: 2019-12-24
제품규격 Specification	: ASTM A572-50/A709-50				

제품치수 Dimension	수량 Quantity	중량 Weight (Kg)	제강번호 Heat No.	제품번호 Product No.	Position	인장시험 Tensile Test						화학적 성분 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	
25.4 x 2438 x 6096	1	2,963	R32635	FB69082002	T	404.0	564.1	26				U	L	1,692	332	1,347	146	36	3	8	93	0	20	2	15	31
25.4 x 2438 x 6096	1	2,963	R32635	FB69082302	T	404.0	564.1	26				U	P	1,695	329	1,367	143	32	3	8	100	0	20	2	16	33
25.4 x 2438 x 6096	1	2,963	R32627	FB69090701	T	417.8	580.6	24				U	L	1,692	332	1,347	146	36	3	8	93	0	20	2	15	31
25.4 x 2438 x 6096	1	2,963	R32627	FB69090702	T	417.8	580.6	24				U	P	1,695	329	1,367	143	32	3	8	100	0	20	2	16	33
25.4 x 2438 x 6096	1	2,963	R32627	FB69090704	T	417.8	580.6	24				U	L	1,856	350	1,355	161	42	3	8	87	0	21	2	16	23
25.4 x 2438 x 6096	1	2,963	R32627	FB69090704	T	417.8	580.6	24				U	P	1,783	338	1,348	128	36	3	8	84	0	18	2	17	26
25.4 x 2438 x 6096	1	2,963	R32638	FC15639103	T	414.4	565.1	25				U	L	1,856	350	1,355	161	42	3	8	87	0	21	2	16	23
												U	P	1,783	338	1,348	128	36	3	8	84	0	18	2	17	26
												U	L	1,520	364	1,392	123	33	3	8	85	0	21	2	18	30
												U	P	1,639	371	1,373	128	28	2	8	80	0	20	2	18	29

*** Sub Total(053) *** 14 41,482(Kg)

*** Condition of supply : As-Rolled ***

N O T E

* 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