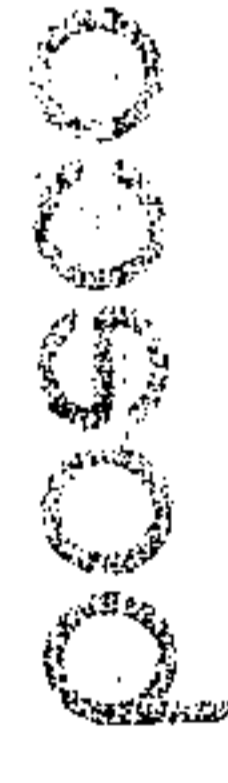


Certificate No./증명서번호 : 230609-FP01PS-0041A1-0001
Date of Issue/발행일자 : Jul., 10, 2023

Mill Test Certificate/검사증명서



PO No./주문번호 : 450054859

Order No./계약번호 : 01S6112018

Supplier : POSCO INTERNATIONAL CORPORATION
/주문자

Commodity : HOT ROLLED STEEL PLATE
/품명

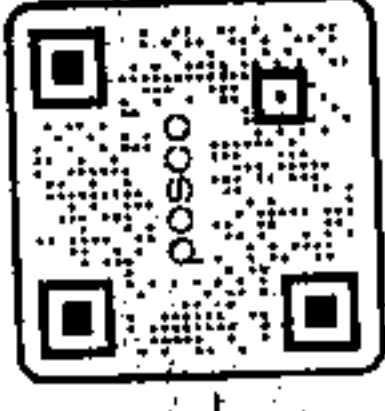
Spec & Type : ASTM A572-50/A709-50/ASME SA572-50-TY1
/규격

CI
/고/귀사

Size/치수	Product No. /제품번호	Quantity /수량	Weight /중량 (kg) (lb)	Heat No. /제강번호	Country of Melt & Pour	Position	Tensile Test /인장시험 YP TS EL (%) (%) (%)	Division	Chemical Composition/화합성분											
									C (%)	Si (%)	Mn (%)	P (%)	S (%)	Cr (%)	Ni (%)	Cu (%)	Mo (%)	Nb (%)	V (%)	
1"x96"x240"	PB82558304	1	2,963 6,532	SB78312	KOR	T	380 538 27	L	0.1512	0.333	1.409	0.0150	0.0030	0.034	0.012	0.015	0.004	0.024	0.003	0.003
1"x96"x240"	PB82558404	1	2,963 6,532	SB78312	KOR	T	380 538 27	P	0.1540	0.341	1.398	0.0133	0.0022	0.031	0.012	0.014	0.011	0.024	0.003	0.003
1"x96"x240"	PB82558804	1	2,963 6,532	SB78312	KOR	T	380 538 27	L	0.1512	0.333	1.409	0.0150	0.0030	0.034	0.012	0.015	0.004	0.024	0.003	0.003
1"x96"x240"	PB82558904	1	2,963 6,532	SB78312	KOR	T	380 538 27	P	0.1540	0.341	1.398	0.0133	0.0022	0.031	0.012	0.014	0.011	0.024	0.003	0.003
1"x96"x240"	PB82571704	1	2,963 6,532	SB78312	KOR	T	380 538 27	L	0.1512	0.333	1.409	0.0150	0.0030	0.034	0.012	0.015	0.004	0.024	0.003	0.003
1"x96"x240"	PB82574104	1	2,963 6,532	SB78312	KOR	T	380 538 27	P	0.1540	0.341	1.398	0.0133	0.0022	0.031	0.012	0.014	0.011	0.024	0.003	0.003
1"x96"x240"	PB82566804	1	2,963 6,532	SB78312	KOR	T	386 534 28	L	0.1512	0.341	1.398	0.0133	0.0022	0.031	0.012	0.014	0.011	0.024	0.003	0.003
1"x96"x240"	PB82569004	1	2,963 6,532	SB78312	KOR	T	386 534 28	P	0.1540	0.341	1.398	0.0133	0.0022	0.031	0.012	0.014	0.011	0.024	0.003	0.003
1"x96"x240"	PB82573504	1	2,963 6,532	SB78312	KOR	T	386 534 28	L	0.1512	0.333	1.409	0.0150	0.0030	0.034	0.012	0.015	0.004	0.024	0.003	0.003
1"x96"x240"	PB82573604	1	2,963 6,532	SB78312	KOR	T	386 534 28	P	0.1540	0.341	1.398	0.0133	0.0022	0.031	0.012	0.014	0.011	0.024	0.003	0.003
1"x96"x240"	PB82570104	1	2,963 6,532	SB78317	KOR	T	379 544 28	L	0.1553	0.348	1.397	0.0105	0.0027	0.029	0.012	0.011	0.011	0.023	0.003	0.003
1"x96"x240"	PB82570204	1	2,963 6,532	SB78317	KOR	T	379 544 28	P	0.1553	0.348	1.397	0.0105	0.0030	0.030	0.012	0.012	0.004	0.024	0.003	0.003
*** Sub Total (0:0) ***		12	35,556 (kg) 78,384 (lb)			T	401 544 27	L	0.1630	0.341	1.415	0.0105	0.0029	0.028	0.013	0.015	0.006	0.025	0.003	0.002
0.75"x96"x240"	PB82566308-8309	2	4,444 9,798	SB78323	KOR	T	401 544 27	P	0.1613	0.336	1.399	0.0099	0.0028	0.028	0.012	0.015	0.005	0.023	0.002	0.002

This material has been fully killed and made by basic oxygen process. This material is fine grained steel.
This material has been made by vacuum degassing process.
Test Certificate is issued according to ISO 10474/EN 10204 3.1.
We hereby certify that the material herein has been made in accordance with the order and above specification.

* Position - T : Top, M : Middle, B : Bottom
* Tensile Test Direction : Transversal, Gauge Length : 200 mm (Rectangular)
* YP Method : 0.2 % off-set
* Division - L : Ladle Analysis, P : Products Analysis
* Supply Condition : As-Rolled unless otherwise Heat Treated.



Legal sanction can be imposed on forging. Improper use of product can cause safety issues.

B.S. Kim

Surveyor To :

Kim, Byung Suok

Chief of material testing section

< PAGE : 2 >

Pohang Works, 6262, Donghaean-ro, Nam-gu, Pohang-si, Gyeongsangbuk-do, 37877, Korea

POSCO