



# Mill Test Certificate

Certificate No. : 220210-FH01KS-0004A1-0003

Date of Issue : Feb., 28, 2022

Order No. : 01S5357632

PO No. : 2201-25.281

Supplier : POSCO INTERNATIONAL CORPORATION

Commodity : HR COIL <sup>(25.281)</sup>

Customer : SUNBELT GROUP

Spec &amp; Type : ASTM A36

Size	Product No.	Quantity	Weight (kg) (lb)	Heat No.	Country of Melt & Pour	Position	Tensile Test			Division	Chemical Composition											
							YP (MPa)	TS (%)	EL (%)		C (%)	Si (%)	Mn (%)	P (%)	S (%)	Cr (%)	Ni (%)	Cu (%)	Mo (%)	Nb (%)	V (%)	SoI-Al (%)
7.90x1524xC	HQA049050	1	20,120 44,356	SQ87875	KOR	B	312	495	32	L	0.1767	0.006	0.750	0.0117	0.0034	0.022	0.014	0.029	0.002	0.001	0.000	0.028
*** Sub Total (050) ***		4	78,590 (kg) 173,258 (lb)							P	0.1766	0.007		0.0116	0.0034	0.023	0.014	0.032	0.002	0.001	0.001	0.031
9.30x1219xC	HQA088720	1	19,140 42,196	SQ88529	KOR	B	335	520	31	L	0.1890	0.007	0.820	0.0134	0.0040	0.021	0.014	0.025	0.002	0.002	0.001	0.023
9.30x1219xC	HQA088740	1	18,980 41,843	SQ88529	KOR	B	335	520	31	P	0.1896	0.007		0.0143	0.0039	0.023	0.014	0.023	0.002	0.001	0.000	0.021
✓ 9.30x1219xC	HQA088730	1	19,020 41,931	SQ88529	KOR	B	318	500	31	L	0.1890	0.007	0.820	0.0134	0.0040	0.021	0.014	0.025	0.002	0.001	0.000	0.021
9.30x1219xC	HQA088770	1	19,200 42,328	SQ88532	KOR	B	319	498	34	P	0.1896	0.007		0.0143	0.0039	0.023	0.014	0.023	0.002	0.001	0.000	0.021
9.30x1219xC	HQA088790	1	19,080 42,064	SQ88532	KOR	B	319	498	34	L	0.1792	0.007	0.794	0.0183	0.0035	0.029	0.014	0.033	0.004	0.002	0.001	0.021
9.30x1219xC	HQA088800	1	19,210 42,350	SQ88532	KOR	B	319	498	34	P	0.1787	0.008		0.0181	0.0036	0.029	0.015	0.030	0.004	0.000	0.000	0.020
9.30x1219xC	HQA088750	1	18,490 40,763	SQ88532	KOR	B	324	501	31	L	0.1792	0.007	0.794	0.0183	0.0035	0.029	0.014	0.033	0.004	0.002	0.001	0.021
9.30x1219xC	HQA088780	1	19,140 42,196	SQ88532	KOR	B	324	501	31	P	0.1787	0.008		0.0181	0.0036	0.029	0.015	0.030	0.004	0.000	0.000	0.020
9.30x1219xC	HQA093220	1	19,200 42,328	SQ88639	KOR	B	310	495	33	L	0.1792	0.007	0.794	0.0183	0.0035	0.029	0.014	0.033	0.004	0.002	0.001	0.021
9.30x1219xC	HQA093240	1	18,950 41,777	SQ88639	KOR	B	310	495	33	P	0.1787	0.008		0.0181	0.0036	0.029	0.015	0.030	0.004	0.000	0.000	0.020
9.30x1219xC	HQA093200	1	19,200 42,328	SQ88639	KOR	B	315	506	31	L	0.1906	0.012	0.872	0.0137	0.0056	0.024	0.013	0.038	0.003	0.000	0.000	0.024
										P	0.1911	0.013		0.0132	0.0050	0.023	0.013	0.036	0.003	0.000	0.000	0.020
										L	0.1906	0.012	0.872	0.0137	0.0056	0.024	0.013	0.038	0.003	0.000	0.000	0.024
										P	0.1911	0.013		0.0132	0.0050	0.023	0.013	0.036	0.003	0.000	0.000	0.020

\* Position - T : Top, M : Middle, B : Bottom

\* Tensile Test. Direction : Transversal, Gauge Length : 50 mm (Rectangular), YP Method : Upper Point

\* Division - L : Ladle Analysis, P : Products Analysis

P.O. # P0233365-08  
 3/8" 48 x 96  
 3/8" 48 x 120  
 HEAT # SQ 88529

We hereby certify that the material herein has been made in accordance with the order and is fully in compliance.

This material has been fully killed and made by basic oxygen process.

Test Certificate is issued according to ISO 10474/EN 10204 3.1.

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

Surveyor To :

Park, Junyoung