



# Mill Test Certificate

Certificate No. : 230422-FH01KS-0023A1-0005  
Date of Issue : May., 02, 2023

Order No. : 01S6033869

PO No. : 2304-25,770 (25,770)

Supplier : POSCO INTERNATIONAL CORPORATION

Commodity : HR COIL

IP

Spec & 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 (MPa)		EL (%)	C (%)	Si (%)	Mn (%)	P (%)	S (%)	Cr (%)	Ni (%)	Cu (%)	Mo (%)	Nb (%)	V (%)	SoFAI (%)
6.34x1524xC	HQQ121050	1	20,580	SQ23492	KOR	B	282	454	33	L	0.1420	0.007	0.645	0.0114	0.0030	0.018	0.006	0.013	0.003	0.000	0.002	0.024
			45,370							P	0.1405	0.006	0.645	0.0110	0.0030	0.017	0.009	0.013	0.003	0.001	0.000	0.021
6.34x1524xC	HQQ121090	1	20,460	SQ23492	KOR	B	282	454	33	L	0.1420	0.007	0.645	0.0114	0.0030	0.018	0.006	0.013	0.003	0.000	0.002	0.024
			45,106							P	0.1405	0.006	0.645	0.0110	0.0030	0.017	0.009	0.013	0.003	0.001	0.000	0.021
6.34x1524xC	HQQ121100	1	20,470	SQ23492	KOR	B	282	454	33	L	0.1420	0.007	0.645	0.0114	0.0030	0.018	0.006	0.013	0.003	0.000	0.002	0.024
			45,128							P	0.1405	0.006	0.645	0.0110	0.0030	0.017	0.009	0.013	0.003	0.001	0.000	0.021
6.34x1524xC	HQQ120980	1	20,440	SQ23492	KOR	B	288	449	33	L	0.1420	0.007	0.645	0.0114	0.0030	0.018	0.006	0.013	0.003	0.000	0.002	0.024
			45,062							P	0.1405	0.006	0.645	0.0110	0.0030	0.017	0.009	0.013	0.003	0.001	0.000	0.021
6.34x1524xC	HQQ121000	1	20,360	SQ23492	KOR	B	288	449	33	L	0.1420	0.007	0.645	0.0114	0.0030	0.018	0.006	0.013	0.003	0.000	0.002	0.024
			44,885							P	0.1405	0.006	0.645	0.0110	0.0030	0.017	0.009	0.013	0.003	0.001	0.000	0.021
6.34x1524xC	HQQ121020	1	20,600	SQ23492	KOR	B	288	449	33	L	0.1420	0.007	0.645	0.0114	0.0030	0.018	0.006	0.013	0.003	0.000	0.002	0.024
			45,415							P	0.1405	0.006	0.645	0.0110	0.0030	0.017	0.009	0.013	0.003	0.001	0.000	0.021
6.34x1524xC	HQQ121040	1	20,480	SQ23492	KOR	B	288	449	33	L	0.1420	0.007	0.645	0.0114	0.0030	0.018	0.006	0.013	0.003	0.000	0.002	0.024
			45,150							P	0.1405	0.006	0.645	0.0110	0.0030	0.017	0.009	0.013	0.003	0.001	0.000	0.021
6.34x1524xC	HQQ121060	1	20,040	SQ23492	KOR	B	288	449	33	L	0.1420	0.007	0.645	0.0114	0.0030	0.018	0.006	0.013	0.003	0.000	0.002	0.024
			44,180							P	0.1405	0.006	0.645	0.0110	0.0030	0.017	0.009	0.013	0.003	0.001	0.000	0.021
6.34x1524xC	HQQ121070	1	19,490	SQ23492	KOR	B	288	449	33	L	0.1420	0.007	0.645	0.0114	0.0030	0.018	0.006	0.013	0.003	0.000	0.002	0.024
			42,967							P	0.1405	0.006	0.645	0.0110	0.0030	0.017	0.009	0.013	0.003	0.001	0.000	0.021
6.34x1524xC	HQQ121080	1	20,480	SQ23492	KOR	B	288	449	33	L	0.1420	0.007	0.645	0.0114	0.0030	0.018	0.006	0.013	0.003	0.000	0.002	0.024
			45,150							P	0.1405	0.006	0.645	0.0110	0.0030	0.017	0.009	0.013	0.003	0.001	0.000	0.021
*** Sub Total (050) ***		13	264,810 (kg)	583,797 (lb)																		
6.37x1829xC	HTQ062490	1	20,300	SU99227	KOR	B	288	451	31	L	0.1438	0.007	0.683	0.0086	0.0035	0.015	0.011	0.026	0.003	0.000	0.000	0.021
			44,753							P	0.1449	0.007	0.683	0.0095	0.0033	0.015	0.011	0.027	0.003	0.000	0.000	0.023
6.37x1829xC	HTQ062500	1	20,760	SU99227	KOR	B	288	451	31	L	0.1438	0.007	0.683	0.0086	0.0035	0.015	0.011	0.026	0.003	0.000	0.000	0.021
			45,767							P	0.1449	0.007	0.683	0.0095	0.0033	0.015	0.011	0.027	0.003	0.000	0.000	0.023

\* 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. # P0242539-08  
1/4" 72 x 240  
HEAT # SU99227

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