

Mill Test Certificate

Certificate No. : 231015-FH01KS-0108A1-0007
Date of Issue : Oct., 26, 2023

Order No. : 01S6373054

PO No. : 2310-25-933 (25,933)

Supplier : POSCO INTERNATIONAL CORPORATION

Commodity : HR COIL

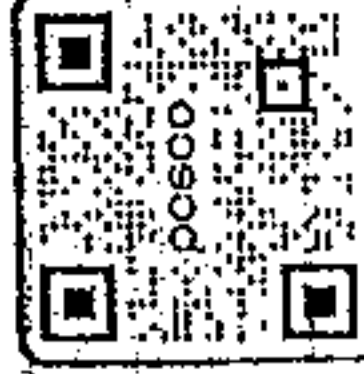
Spec & Type : ASTM A36

1/2 x 48

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 (%)	Sol-A: (%)
12.68x1219xC	HQX007520	1	20,940 (46,164)	SQ40105	KOR	B	275	474	36	L	0.1985	0.007	0.764	0.0110	0.0038	0.015	0.006	0.011	0.002	0.001	0.000	0.022
12.68x1219xC	HQX007530	1	21,440 (47,266)	SQ40105	KOR	B	275	474	36	P	0.1928	0.007	0.764	0.0092	0.0034	0.014	0.006	0.011	0.002	0.001	0.000	0.022
12.68x1219xC	HQX007660	1	21,370 (47,112)	SQ40105	KOR	B	275	474	36	L	0.1928	0.007	0.764	0.0092	0.0038	0.015	0.006	0.011	0.002	0.001	0.000	0.022
12.68x1219xC	HQX007560	1	19,060 (42,019)	SQ40108	KOR	B	279	471	38	L	0.1824	0.006	0.775	0.0114	0.0043	0.019	0.007	0.018	0.003	0.001	0.000	0.023
12.68x1219xC	HQX007590	1	19,510 (43,012)	SQ40108	KOR	B	279	471	38	P	0.1754	0.006	0.775	0.0105	0.0043	0.019	0.007	0.018	0.003	0.001	0.000	0.023
12.68x1219xC	HQX007610	1	19,510 (43,012)	SQ40108	KOR	B	279	471	38	L	0.1824	0.006	0.775	0.0114	0.0043	0.019	0.007	0.018	0.003	0.001	0.000	0.023
12.68x1219xC	HQX007650	1	18,700 (41,225)	SQ40108	KOR	B	279	471	38	P	0.1754	0.006	0.775	0.0105	0.0043	0.019	0.007	0.018	0.003	0.001	0.000	0.025
12.68x1219xC	HQX007680	1	19,670 (43,364)	SQ40108	KOR	B	279	471	38	L	0.1824	0.006	0.775	0.0114	0.0043	0.019	0.007	0.018	0.003	0.001	0.000	0.023
12.68x1219xC	HQX007550	1	18,530 (40,851)	SQ40108	KOR	B	290	481	37	P	0.1824	0.006	0.775	0.0114	0.0043	0.019	0.007	0.018	0.003	0.001	0.000	0.023
12.68x1219xC	HQX007570	1	18,520 (40,829)	SQ40108	KOR	B	290	481	37	L	0.1824	0.006	0.775	0.0114	0.0043	0.019	0.007	0.018	0.003	0.001	0.000	0.023
12.68x1219xC	HQX007600	1	18,510 (40,807)	SQ40108	KOR	B	290	481	37	L	0.1824	0.006	0.775	0.0114	0.0043	0.019	0.007	0.018	0.003	0.001	0.000	0.023
12.68x1219xC	HQX007620	1	18,520 (40,829)	SQ40108	KOR	B	290	481	37	P	0.1754	0.006	0.775	0.0105	0.0043	0.019	0.007	0.018	0.003	0.001	0.000	0.025
12.68x1219xC	HQX007630	1	19,510 (43,012)	SQ40108	KOR	B	290	481	37	L	0.1824	0.006	0.775	0.0114	0.0043	0.019	0.007	0.018	0.003	0.001	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

We certify that the material has been made in accordance with the order and is 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.
 We, POSCO, hereby certify that the products specified in the present MTC have been fully processed in South Korea. (Facility and address information is stated below)



Park, Junyoung

Surveyor To :

Chief of material testing section

Gwangyang Works, 20-26, Pokposarang-gil, Gwangyang-si, Jeollanam-do, 57807, Korea

POSCO