



# Mill Test Certificate

Certificate No. : 211212-FH01KS-0009A1-0004

Date of Issue : Dec., 22, 2021

Order No. : 01S5274812

PO No. : 2112-25.243  
(25.243)

Supplier : POSCO INTERNATIONAL CORPORATION

Commodity : HR COIL

Customer : SUNBELT GROUP

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 (%)	EL (%)		C (%)	Si (%)	Mn (%)	P (%)	S (%)	Cr (%)	Ni (%)	Cu (%)	Mo (%)	Nb (%)	V (%)	Sol-Al (%)	
9.32x1219xC	HQY092560	1	18,680	SP08554	KOR	B	299	486	31	L	0.1905	0.006	0.825	0.0099	0.0038	0.018	0.011	0.025	0.002	0.001	0.000	0.022	
			41,182							P	0.1899	0.006		0.0083	0.0039	0.018	0.010	0.027	0.002	0.002	0.000	0.024	
*** Sub Total (160) ***		5	95,460 (kg)	210,450 (lb)																			
9.32x1524xC	HRY035780	1	20,790	SQ82305	KOR	B	296	482	30	L	0.1924	0.008	0.782	0.0179	0.0042	0.019	0.012	0.021	0.004	0.001	0.001	0.021	
			45,833							P	0.1915	0.007		0.0127	0.0054	0.018	0.013	0.023	0.003	0.001	0.000	0.024	
9.32x1524xC	HRY035840	1	20,780	SQ82305	KOR	B	296	482	30	L	0.1924	0.008	0.782	0.0179	0.0042	0.019	0.012	0.021	0.004	0.001	0.001	0.021	
			45,811							P	0.1915	0.007		0.0127	0.0054	0.018	0.013	0.023	0.003	0.001	0.000	0.024	
9.32x1524xC	HRY035770	1	18,520	SQ82305	KOR	B	305	497	33	L	0.1924	0.008	0.782	0.0179	0.0042	0.019	0.012	0.021	0.004	0.001	0.001	0.021	
			40,829							P	0.1915	0.007		0.0127	0.0054	0.018	0.013	0.023	0.003	0.001	0.000	0.024	
9.32x1524xC	HRY035790	1	20,800	SQ82305	KOR	B	305	497	33	L	0.1924	0.008	0.782	0.0179	0.0042	0.019	0.012	0.021	0.004	0.001	0.001	0.021	
			45,855							P	0.1915	0.007		0.0127	0.0054	0.018	0.013	0.023	0.003	0.001	0.000	0.024	
9.32x1524xC	HRY035810	1	20,780	SQ82305	KOR	B	305	497	33	L	0.1924	0.008	0.782	0.0179	0.0042	0.019	0.012	0.021	0.004	0.001	0.001	0.021	
			45,811							P	0.1915	0.007		0.0127	0.0054	0.018	0.013	0.023	0.003	0.001	0.000	0.024	
9.32x1524xC	HRY035820	1	20,840	SQ82305	KOR	B	305	497	33	L	0.1924	0.008	0.782	0.0179	0.0042	0.019	0.012	0.021	0.004	0.001	0.001	0.021	
			45,944							P	0.1915	0.007		0.0127	0.0054	0.018	0.013	0.023	0.003	0.001	0.000	0.024	
9.32x1524xC	HRY035830	1	20,820	SQ82305	KOR	B	305	497	33	L	0.1924	0.008	0.782	0.0179	0.0042	0.019	0.012	0.021	0.004	0.001	0.001	0.021	
			45,900							P	0.1915	0.007		0.0127	0.0054	0.018	0.013	0.023	0.003	0.001	0.000	0.024	
*** Sub Total (170) ***		7	143,330 (kg)	315,983 (lb)																			
12.45x1219xC	HTY057010	1	19,410	SP08554	KOR	B	287	481	37	L	0.1905	0.006	0.825	0.0099	0.0038	0.018	0.011	0.025	0.002	0.001	0.000	0.022	
			42,791							P	0.1899	0.006		0.0083	0.0039	0.018	0.010	0.027	0.002	0.002	0.000	0.024	
*** Sub Total (180) ***		1	19,410 (kg)	42,791 (lb)																			
*** Grade Total ***		20	392,650 (kg)	865,632 (lb)																			
*** Grand Total ***		33	647,930 (kg)	1,428,420 (lb)																			

=== Last Item ===

\* 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 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 :

*Ko Jae Gon*