

MILL TEST CERTIFICATE

HOT-ROLLED STAINLESS STEEL PLATE

EN 10204 3.1



DKC(DK Corporation)
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Location: 812-1, Go Hyun-Ri, Chung Ha-Myun, Buk-Gu, Pohang, Kyung Buk, Korea

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End User: ROLARK STAINLESS STEEL	Works No.: 80528005	Card Code Ref. No.: 20080818-8211-1-078	1 / 1
Customer Name:	L/C NUMBER: 5744ILU080910008	Plates Order No.:	

Specification: ASTM A240/480	Sub Section: 304L/304	Grade (TYPE): S30403/S30400	No. 1
ABME SEC II SA240/480	304L/304	S30403/S30400	No. 1
NACE MR-0175	304/304L		No. 1

SC 17578

Heat Treatment Solution: 1876	F WATER COOLING	Condition of Plate: GOOD
Standard: ASTM A262 Practice E	UT Test Spec:	

No.	Bundle No.	Re quip t - No.	Heat No.	Plate No.	Product SIZE (Inch)			Qty (sh)	Weight (kg)	AGS	Roughness	Perm eabl e (μ)	DI RECTI ON	Impact Test (Charpy)			
					T	W	L							V-notch			
														1st	2nd	3rd	Avg
1	0809-0401		SC17576	PB531114-1-01	2.5	88	120	1	3,808			T					
2	0809-0311		SC17579	PB531127-1-01	3	98	120	1	4,570			B					
3	0807-0348		SC17539	PC424837-1-01	2	88	120	1	3,048			T					
4	0809-0353		SC17577	PC427288-1-01	1	88	240	1	3,048			B					
5	0809-0353		SC17576	PC427311-1-01	0.75	88	240	1	2,281			T					

No.	Chemical composition (%)	Practice				Tensile Test (1N/mm ² =1MPa)				Hard ness														
		0.2%Y.S													1.0%Y.S		T.S		EL	% HRB				
		Cont	C	SI	Mn	P	S	Cr	Ni		Mo	N	Co	Cu	Ti	Nb	A	E			B	C	25	70
1	0.025	0.43	1.47	0.028	0.001	18.31	8.30	0.07	0.047	0.17	0.48					G				52.8	64.8	87.0	82.0	87.4
2	0.023	0.38	1.47	0.023	0.003	18.30	8.23	0.05	0.043	0.17	0.43					G				45.9	48.8	85.8	60.0	85.4
3	0.025	0.42	1.47	0.032	0.002	18.37	8.19	0.18	0.060	0.17	0.32					G				40.4	48.9	80.7	60.9	82.4
4	0.021	0.38	1.49	0.027	0.003	18.18	8.18	0.07	0.047	0.17	0.50					G				34.4	40.4	82.4	82.3	79.8
5	0.025	0.43	1.47	0.025	0.001	18.31	8.30	0.07	0.047	0.17	0.48					G				35.9	41.8	83.8	59.7	79.4

Remarks: Mercury Free, No weld repair statement

NO WELD REPAIRS
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Position: T: Top M: Middle B: Bottom
Direction: L: Longitudinal C: Crosswise

Revision: L: Ladle Analysis P: Product Analysis
AGS: ASTM E112 A.G.S Test

1: Step Structure 2: Dual Structure
3: Ditch Structure 4: Isolated Ferrite Roots
5: Interdendritic Ditch 6: End Grain Pitting LI

1: 10X10mm 2: 7.5X10mm 3: 5.0X10mm 4: 2.5X10mm
(1.18X1.18inch 2.95X2.95inch 2.0X2.0inch 0.98X0.98inch)

G: GOOD N: NOT GOOD

Verifiably certify that the material herein has been made in accordance with the order and specification

Signature: *Chang B. Yoon*

1 GWP P19355