

GWCL0466

GWANGYANG ALUMINUM INDUSTRY CO., LTD.

266 SEPUNGSANDAN ROAD, GWANGYANG-EUB, GWANGYANG-SI,
JEOLLANAM-DO, REPUBLIC OF KOREA

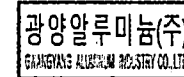
MILL TEST CERTIFICATE

TO:

TA CHEN INTERNATIONAL INC.
5855 OBISPO AVENUE, LONG BEACH, CA 90805
TEL: (562) 808-8000
G-TZLA251002
LC3744/LC3751/LC4271/LC4279/N27104/N27349/N27392/N27454/N27496/N27497/N27498/N27499/N27500/N27507
BUSAN, SOUTH KOREA
LA 90805, USA
N/M

DATE: 2025/10/20

COUNTRY OF LARGEST SMELT: INDIA
COUNTRY OF SECOND LARGEST SMELT: AUSTRALIA
COUNTRY OF MOST RECENT CAST: KOREA
PRODUCER: GWANGYANG ALUMINUM INDUSTRY CO., LTD



Heat No.	Alloy	Temper	Specified (In)	ACTUAL MILL CHEMICAL UNIT: %											MECHANICAL PROPERTY		
				Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Each	Total	AI	T.S.Mpa	Y.S.Mpa	E%
GYL2507W30025	3003	H14	.063*48*120	0.195	0.614	0.117	1.262	0.005	0.010	0.011	0.032	0.05	0.15	REMAIN	138-179	min118	6
GYL2509W30174	3003	H14	.063*36*C	0.188	0.590	0.119	1.142	0.027	0.012	0.018	0.035	0.05	0.15	REMAIN	157	151	9
Heat No.	Alloy	Temper	Specified (In)	ACTUAL MILL CHEMICAL UNIT: %											MECHANICAL PROPERTY		
				Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Each	Total	AI	T.S.Mpa	Y.S.Mpa	E%
GYL2508W50370	5052	H32	.025*48*120	0.106	0.219	0.032	0.042	2.420	0.171	0.038	0.016	0.05	0.15	REMAIN	215-262	min159	7
GYL2508W50370	5052	H32	.025*48*144	0.106	0.219	0.032	0.042	2.420	0.171	0.038	0.016	0.05	0.15	REMAIN	221	160	15
GYL2508W50370	5052	H32	.025*48*96	0.106	0.219	0.032	0.042	2.420	0.171	0.038	0.016	0.05	0.15	REMAIN	221	160	15
GYL2509W50209	5052	H32	.080*60*120	0.126	0.307	0.035	0.058	2.479	0.190	0.026	0.017	0.05	0.15	REMAIN	231	184	11
GYL2509W50209	5052	H32	.080*60*144	0.126	0.307	0.035	0.058	2.479	0.190	0.026	0.017	0.05	0.15	REMAIN	231	184	11
GYL2509W50210	5052	H32	.080*60*120	0.119	0.294	0.026	0.074	2.466	0.185	0.021	0.018	0.05	0.15	REMAIN	225	184	12
GYL2509W50210	5052	H32	.080*60*144	0.119	0.294	0.026	0.074	2.466	0.185	0.021	0.018	0.05	0.15	REMAIN	225	184	12
GYL2509W50212	5052	H32	.063*60*144	0.127	0.235	0.028	0.049	2.457	0.185	0.019	0.017	0.05	0.15	REMAIN	228	184	11
GYL2509W50239	5052	H32	.100*48*C	0.111	0.369	0.023	0.089	2.495	0.173	0.025	0.016	0.05	0.15	REMAIN	227	184	11
GYL2509W50245	5052	H32	.100*48*C	0.101	0.312	0.022	0.081	2.434	0.200	0.022	0.018	0.05	0.15	REMAIN	227	182	13
GYL2509W50262	5052	H32	.100*48*C	0.123	0.291	0.029	0.066	2.454	0.207	0.021	0.016	0.05	0.15	REMAIN	231	177	11

GWANGYANG ALUMINUM INDUSTRY CO., LTD.
 266 SEPUNGSANDAN ROAD, GWANGYANG-EUB, GWANGYANG-SI,
 JEOLLANAM-DO, REPUBLIC OF KOREA

MILL TEST CERTIFICATE

TO:

TA CHEN INTERNATIONAL INC.
 5855 OBISPO AVENUE, LONG BEACH, CA 90805
 TEL: (562) 808-8000
 G-TZLA251002
 LC3744/LC3751/LC4271/LC4279/N27104/N27349/N27392/N27454/N27496/N27497/N27498/N27499/N27500/N27507
 BUSAN, SOUTH KOREA
 LA 90805, USA
 N/M

DATE: 2025/10/20

COUNTRY OF LARGEST SMELT: INDIA
 COUNTRY OF SECOND LARGEST SMELT: AUSTRALIA
 COUNTRY OF MOST RECENT CAST: KOREA
 PRODUCER: GWANGYANG ALUMINUM INDUSTRY CO., LTD



Heat No.	Alloy	Temper	Specified (In)	ACTUAL MILL CHEMICAL UNIT: %											MECHANICAL PROPERTY		
				Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Each	Total	AI	T.S.Mpa	Y.S.Mpa	E%
				0.25	0.40	0.1	0.1	2.2-2.8	0.15-0.35	0.1	-	0.05	0.15	REMAIN	215-262	min159	7
GYL2509W50272	5052	H32	.050*48*120	0.128	0.364	0.026	0.057	2.431	0.209	0.048	0.018	0.05	0.15	REMAIN	223	184	11
GYL2509W50272	5052	H32	.050*48*144	0.128	0.364	0.026	0.057	2.431	0.209	0.048	0.018	0.05	0.15	REMAIN	223	184	11
GYL2509W50277	5052	H32	.080*48*144	0.128	0.364	0.026	0.057	2.431	0.209	0.048	0.018	0.05	0.15	REMAIN	228	182	10
GYL2509W50277	5052	H32	.080*48*96	0.128	0.364	0.026	0.057	2.431	0.209	0.048	0.018	0.05	0.15	REMAIN	228	182	10
GYL2509W50278	5052	H32	.090*48*120	0.101	0.341	0.019	0.056	2.433	0.195	0.021	0.017	0.05	0.15	REMAIN	225	182	11
GYL2509W50278	5052	H32	.090*48*144	0.101	0.341	0.019	0.056	2.433	0.195	0.021	0.017	0.05	0.15	REMAIN	225	182	11
GYL2509W50285	5052	H32	.050*48*C	0.118	0.298	0.031	0.074	2.463	0.192	0.032	0.015	0.05	0.15	REMAIN	231	182	10
GYL2509W50291	5052	H32	.050*48*C	0.129	0.294	0.027	0.048	2.459	0.206	0.021	0.017	0.05	0.15	REMAIN	226	181	11
GYL2509W50342	5052	H32	.080*48*96	0.092	0.350	0.027	0.039	2.435	0.198	0.026	0.017	0.05	0.15	REMAIN	229	183	10
GYL2509W50343	5052	H32	.080*48*120	0.083	0.337	0.027	0.045	2.429	0.172	0.023	0.017	0.05	0.15	REMAIN	233	185	12
GYL2509W50345	5052	H32	.080*48*144	0.099	0.321	0.020	0.050	2.449	0.184	0.029	0.016	0.05	0.15	REMAIN	231	184	11
GYL2509W50352	5052	H32	.080*48*C	0.099	0.373	0.017	0.053	2.461	0.187	0.019	0.018	0.05	0.15	REMAIN	227	182	11

Item:.080485052H32 Bundle:GYL2509W50352-1 Heatno:GYL2509W50352
Item:.080485052H32 Bundle:GYL2509W50352-2 Heatno:GYL2509W50352
Item:.100485052H32 Bundle:GYL2509W50245-2 Heatno:GYL2509W50245
Item:.100485052H32 Bundle:GYL2509W50262-1 Heatno:GYL2509W50262