

ALUMINUM SPECIFICATIONS

Specifications for Aluminum Ingot Alloys (ASTM B179-11)

Alloy		SI	FE	CU	MN	MG	CR	NI	ZN	TI	SN	OE	OT
AA	FORMER												
A380.1	A380	7.5-9.5	1.0	3.0-4.0	.50	.10	---	.50	2.9	---	.35	---	.50
B380.1	A380	7.5-9.5	1.0	3.0-4.0	.50	.10	---	.50	0.9	---	0.35	---	.50
383.1	---	9.5-11.5	1.0	2.0-3.0	.50	.10	---	.30	2.9	---	.15	---	.50
384.1	384	10.5-12.0	1.0	3.0-4.5	.50	.10	---	.50	2.9	---	.35	---	.50
A413.1	A13	11.0-13.0	1.0	1.0	.35	.10	---	.50	.40	---	.15	---	.25
A360.1	A360	9.0-10.0	1.0	.60	.35	.45-.60	---	.50	.40	---	.15	---	.25
B390.1	---	16.0-18.0	1.0	4.0-5.0	.50	.50-.65	---	.10	1.4	.20	---	.10	.20
319.1	319 All Cast	5.5-6.5	.80	3.0-4.0	.50	.10	---	.35	1.0	.25	---	---	.50
355.1	355	4.5-5.5	.50*	1.0-1.5	.50*	.45-.60	.25	---	.35	.25	---	.05	.15
356.1	356	6.5-7.5	.50*	.25	.35*	.25-.45	---	---	.35	.25	---	.05	.15
443.1	43	4.5-6.0	.60	0.60	.50	.05	.25	---	.50	.25	---	---	.35
535.2	Almag 35	.10	.10	.05	.10-.25	6.6-7.5	---	---	---	.10-.25	---	.05	.15

* If Fe content exceeds 0.45%, MN content shall not be less than $\frac{1}{2}$ of the Fe content; (Remainder - Aluminum)