

ADDENDUM TO GRAY SHEETS
International Alloy Designations and Chemical Composition Limits for
Aluminum Hardeners- July 2007

New Alloys

January 14, 2011

Alloy Designations, and Chemical Composition Limits Registered Since July 2007																
Registered International Designation			By	Si	Fe	Cu	Mn	Cr	Ni	Ti	B		OTHERS		ALUMINUM Minimum	Color Code
No.	Alternate	Date											Each	Total		
H2002	1% Be	2009-07-20	USA	0.20	0.40	0.05	0.02	0.02	0.02	0.02	...	Mg 0.20 Be 0.9-1.2 Zn 0.10	0.05	0.15	Remainder	Black / Yellow
H2004	2.5% Be	2009-07-20	USA	0.20	0.40	0.05	0.02	0.02	0.02	...	...	Mg 0.50 Be 2.2-3.0 Zn 0.10	0.05	0.15	Remainder	Black/Yellow
H2018	5% Sr	2009-07-20	USA	0.20	0.30	...	...	...	...	...	...	Sr 4.5-5.5 Ba 0.05 Ca 0.05	0.04	0.10	Remainder	Light Blue
H2020	20% Sr	2009-07-20	USA	0.20	0.30	...	...	...	...	...	...	Sr 18.0-22.0 Ba 0.10	0.05	0.15	Remainder	Light Blue
H2025	2% Sc	2009-07-20	USA	0.05	0.05	...	...	...	...	...	...	Sc 1.8-2.2	0.03	0.10	Remainder	Red/Dark Blue
H2030	68% Mg	2009-07-20	USA	0.10	0.15	...	0.10	...	...	...	...	Mg 65-71	0.05	0.15	Remainder	Black / Lt.Blue
H2035	10% Bi	2009-07-20	USA	0.20	0.30	...	...	...	...	...	...	Bi 9.0-11.0	0.05	0.20	Remainder	Black / Purple
H2223	1.7% Ti-1.4% B	2009-07-20	USA	0.20	0.30	...	...	...	...	1.3-2.2	1.1-1.7	V 0.05	0.03	0.10	Remainder	Green / Lt.Blue

Alloy Designations Deactivated Since July 2007		
DEACTIVATIONS		
ALLOY DESIGNATION	DATE RECLASSIFIED	