Chemical and North American Color Code Requirements

ASTM B240

	Alloy 3 Zamak 3 (AG40A) (Z33524)	Alloy 7 Zamak 7 (AG40B) (Z33526)	Alloy 5 Zamak 5 (AC41A) (Z35532)	Alloy 2 Zamak 2 (AC43A) (Z35544)	ZA-8 ZA-8 (Z35637)	ZA-12 ZA-12 (Z35632)	ZA-27 ZA-27 (Z35842)
Color Code	None	Brown	Black	Green	Blue	Orange	Purple
Element							
Aluminum	3.9-4.3	3.9-4.3	3.9-4.3	3.9-4.3	8.2-8.8	10.8-11.5	25.5-28.0
Magnesium	0.03-0.06	0.010-0.020	0.03-0.06	0.025-0.05	0.02-0.03	0.02-0.03	0.012-0.020
Copper	0.10 max	0.10 max	0.7-1.1	2.7-3.3	0.9-1.3	0.5-1.2	2.0-2.5
Iron, Max	0.035	0.035	0.035	0.035	0.035	0.05	0.07
Lead, Max	0.004	0.003	0.004	0.004	0.005	0.005	0.005
Cadmium, Max	0.003	0.002	0.003	0.003	0.005	0.005	0.005
Tin, Max	0.0015	0.001	0.0015	0.0015	0.002	0.002	0.002
Nickel		0.005-0.020					
Zinc	Remainder	Remainder	Remainder	Remainder	Remainder	Remainder	Remainder