ENERGY SYSTECH

CHEMICAL COMPOSITION OF ZINC ALLOYS

Element	Alloy				
	Zamak 2	Zamak 3	Zamak 5	Zamak 7	ZA 8
Aluminum (Al)	3.5-4.3	3.5-4.3	3.5-4.3	3.5-4.3	8.0-8.8
Magnesium (Mg)	.020-.50	.020-.05	.03-.08	.005-.020	015-.030
Copper (Cu)	2.5-3.0	.25 max	.75-1.25	.25 max	.8-1.3
Iron(Fe) - Max	0.1	0.1	0.1	0.075	0.075
Lead(Pb)- max	0.005	0.005	0.005	0.003	0.006
Cadmium (Cd) - max	0.004	0.004	0.004	0.002	0.006
Tin (Sn) - max	0.003	0.003	0.003	0.001	0.003
Nickel (Ni)	-	-	-	.005-.020	-
Zinc (Zn)	Balance	Balance	Balance	Balance	Balance