

### ZINC ALLOY - SEYBERT ZA SPIN - CAST

SPECIALIZING IN PROTOTYPE AND SHORT RUN ZINC ALLOY & ALUMINUM CASTINGS,  
PLASTIC, AND RUBBER MOLDINGS

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## ZINC ALLOY - SEYBERT ZA

These typical properties are not guaranteed, and should not be used for design purposes but only as a basis for general comparison of alloys and tempers with respect to any given characteristic.

### ALLOY PROPERTIES

### COMPOSITION %

Aluminum	2.75 - 3.25
Copper	2.75 - 3.25
Magnesium	0.03 MAX
Lead	0.005 MAX
Titanium	0.06 - 0.15
Cadmium	0.005 MAX
Tin	0.005 MAX
Iron	0.03 MAX
Zinc	Remainder

### MECHANICAL PROPERTIES

Density (lb/in <sup>3</sup> )	.245
Melting Point (F/C)	730/388
Tensile Strength (psi)	35,000
Compression Strength (psi)	50,000
Elongation In 2 Inches (%)	8
Charpy Impact Strength (ft/lbs)	41
Brinell Hardness (bhn)	120
Thermal Conductivity (cgs)	.255
Thermal Expansion (linear C)	26.5 x 10 <sup>-6</sup>
Electrical Conductivity (iacs)	25

The information presented here is based on carefully conducted laboratory tests and is believed to be accurate. However, results cannot be guaranteed and it is suggested that customers confirm results in their own laboratory.