

SEYBERT CASTINGS

TECHNICAL DATA

ZINC ALLOY - ZAMAK # 3 MACHINED CONTINUOUS CAST BAR STOCK

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

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ZINC ALLOY - ZAMAK # 3 MACHINED CONTINUOUS CAST BAR STOCK

TYPICAL AS MACHINED PROPERTIES

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	3.50 - 4.30
Copper	0.25 MAX
Magnesium	0.02 - 0.05
Lead	0.005 MAX
Cadmium	0.004 MAX
Tin	0.003 MAX
Iron	0.10 MAX
Zinc	Remainder

<u>MECHANICAL PROPERTIES</u>	<u>TEST</u> <u>SPECIMEN # 1</u>	<u>TEST</u> <u>SPECIMEN # 2</u>	<u>TEST</u> <u>SPECIMEN # 3</u>
Tensile Strength (ksi)	33.1	33.5	32.7
Yield (.2%) Strength (ksi)	28.8	29.5	29.1
Elongation (IN 4D)	5.0%	4.5%	4.0%
Reduction of Area	6.5%	3.0%	5.0%

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.