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C95400 aluminum bronze bar

Cast copper alloy | Mozaic Precision Metals technical reference

Useful strength, wear properties and corrosion resistance depending on service environment.

GRADE / PRODUCT SELECTION

REFERENCE FIELD	SPECIFICATION / BUYER INFORMATION
Material / product	C95400 aluminum bronze bar
Alloy or product family	Cast copper alloy
Chemical / material identity	Copper-aluminum-iron alloy commonly supplied as cast aluminum bronze
Selection consideration	Useful strength, wear properties and corrosion resistance depending on service environment
Condition / temper	State casting product form and condition; verify whether continuous-cast or other material
Reference standard to verify	ASTM B505 or applicable casting standard; verify form
Typical applications	Bearings, bushings, worm gears
Limits / cautions	C95400 is not equivalent to C67300 manganese bronze; casting structure matters

RELATED MATERIAL CONSIDERATIONS

Compare C67300 for a different copper-zinc bronze product.

ORDERING & PROCESSING REQUIREMENTS

Specify the exact grade/product standard, condition, dimensions, quantity, surface finish, straightness and required certification. State casting product form and condition; verify whether continuous-cast or other material.

SOURCING & QUALITY NOTE

Mozaic reviews precision grinding, straightening, polishing, cutting and packaging to order-specific requirements. Numeric strength, chemistry and condition limits must be checked against the applicable specification and actual mill test report.

Reference starting point: Copper Development Association, UNS alloy composition resources

Material page: https://mozaicprecision.com/material/954-bronze/

General reference: not a mill test report, certified analysis, stock guarantee or design approval.