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C69300 silicon brass bar

Lead-free brass | Mozaic Precision Metals technical reference

Often considered for lead-restricted machined parts and plumbing components.

GRADE / PRODUCT SELECTION

REFERENCE FIELD	SPECIFICATION / BUYER INFORMATION
Material / product	C69300 silicon brass bar
Alloy or product family	Lead-free brass
Chemical / material identity	Copper-zinc-silicon brass family (ECO BRASS trademark usage may be supplier specific)
Selection consideration	Often considered for lead-restricted machined parts and plumbing components
Condition / temper	Confirm C69300 chemistry and any potable-water compliance requirements
Reference standard to verify	ASTM B124/B124M and grade-specific bar requirements where applicable
Typical applications	Valve bodies, plumbing fittings, precision machined components
Limits / cautions	Lead-free alloy marketing does not automatically establish every regulatory certification

RELATED MATERIAL CONSIDERATIONS

Compare C36000 conventional leaded free-cutting brass.

ORDERING & PROCESSING REQUIREMENTS

Specify the exact grade/product standard, condition, dimensions, quantity, surface finish, straightness and required certification. Confirm C69300 chemistry and any potable-water compliance requirements.

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/c693-brass/

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