

Indicative temperature range : **-195°C / 280°C**

Color :

RoHS (2002/95)

VHU (2000/53)

SVHC¹ Free

Phthalate Free

Properties

Property	Standard	Unit	Required value	Value
Hardness		HB	20-50	
Specific gravity		g/ cm ³	6-7	
Compressive strength		MPa	>120	
Porosity		%	>22	
oil impregnation		%	>18	

Composition

Element	Component	Symbol	Avg %	Mini %	Maxi %	SVHC	GADSL
Bronze	Carbon	C		0	2	No	
Bronze	Copper	Cu	81			No	
Bronze	Tin	Sn	6			No	
Bronze	Zinc	Zn	6			No	
Bronze	Lead	Pb	3			No	
Bronze	Others	other			2	No	

Temperature range is Bronze temperature range.

Real temperature range depends on oil used for impregnation.

Standard oil can be used up to 80°C but some other solutions can be proposed for higher temperature.

SVHC = Substance of Very High Concern according to regulation REACH 1907/2006
These data are for information only.

They can be modified at any moment without notice.

Values indicated above are based on tests conducted on laboratory samples.

Values on finished parts can be different depending on shape, curing parameters etc.



Material data sheet 66620

BRONZE /

Sintered - CuSn6Zn6Pb3

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