

BRONZE PB

Rev. 0 Issue Date: 26-04-2017

Product Specification:

Bismuth bronze

Product features:

This bismuth-containing alloy is a substitute for lead-containing alloys and more resistant to corrosion. It is a malleable and thermally conductive alloy. Typical industrial uses for this alloy include the manufacture of bushings, high speed/high pressure bearings and marine applications.

Norm:

C89325

Chemical Composition:

Element:	Unit:	Min %	Max %
Sn	%	10.00	11.00
Ni	%	1.50	2.00
Cu	%	83.50	85.50
Bi	%	2.80	3.50
B	%	0.17	0.37

Physical Properties:

Working temperature:	990 (°C)
Melting range:	780 - 985 (°C)
Tensile strength:	190 - 207 (MPa)

Surface Preparation:

Clean surface by solvent-wiping any deposits of heavy grease, oil, dirt, or other contaminants.

Precautions:

Please refer to the appropriate material safety data sheet (MSDS) prior to using this product. For technical assistance, please call +39 0922 871694. FOR INDUSTRIAL USE ONLY.

Warranty:

Linbrazze will not replace any material found to be defective. Because the storage, handling and application of this material is beyond our control, we can accept no liability for the results obtained.

Disclaimer:

All information on this data sheet is based on laboratory testing and is not intended for design purposes. LINBRAZE makes no representations or warranties of any kind concerning this data.