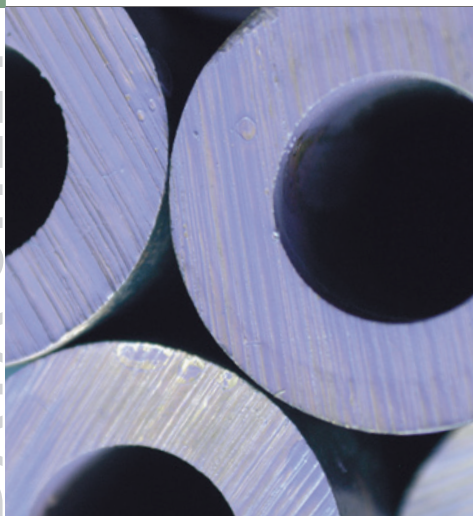


CuSn7Pb15-C | Tubes



Alloy	CuSn7Pb15-C, CC496K, 2.1182.04
Condition	GC, continous cast, rough
Norm	DIN EN 1982
Tolerance	< A.D. 97 mm A.D. +0,6/-0 mm, I.D. -1/+0 mm A.D. 102-193 mm A.D. +1/-0 mm, I.D. -1,5/+0 mm > A.D. 202 mm A.D. +2/-0 mm, I.D. -2/+0 mm
Machinability	very good
Sliding properties	very good
Corrosion resistance	very good
REACH	information obligations relative to SVHC lead
RoHS	not conform

Mechanical Properties

Tensile strength R_m	Yield stress $R_{p0.2}$	Elongation A	Hardness HB
$\geq 200 \text{ N/mm}^2$	$\geq 90 \text{ N/mm}^2$	$\geq 8 \%$	≥ 65

Soft bearing material with very good sliding and dry-running properties when there is a sporadic lack of lubricant and with water lubrication. Bearings with very high surface pressures in which high edge pressure can occur. Unsuitable for temperatures above 120 °C. Resistant to sulphuric acid. Very good machinability.

Chemical Analysis

Cu	74.0-80.0 %
Pb	13.0-17.0 %
Sn	6.0-8.0 %
Ni	0.5-2.0 %
Zn	max. 2.0 %
Si	max. 0.01 %
P	max. 0.1 %
Fe	max. 0.25 %
Al	max. 0.01 %
Mn	max. 0.2 %
S	max. 0.1 %
Sb	max. 0.5 %

Comparable Specifications

CuPb15Sn, 2.1182, DIN 1716
 C93800 UNS
 LB 1, BS 1400