

Material Data Sheet

G-CuSn10Pb10-GS CC495K older: Pb-Bz 10 (DIN 1705)

This copper-tin-lead alloy is distinguished by good anti-friction properties and positive wear resistance. Thus, it is used by our customers predominantly in the following areas: Special machinery.

Material condition	Yield strength $R_{p0,2}$ (N/mm ²) at least	Tensile strength R_m (N/mm ²) at least	Elongation at break A (%) at least	Brinell hardness HBW at least
Cast	80	180	8	60

All values determined according to DIN EN 1982 on a separately cast test bar. According to DIN EN 1982, samples from the respective component may vary up to 30% for the yield strength and tensile strength and up to 50% for elongation at break.

