

Material Data Sheet

G-CuAl10Fe5Ni5-GS CC333G

This sea-water bronze is distinguished by very good mechanical properties and the highest level of saltwater resistance. Thus, it is used by our customers predominantly in the following areas: Marine, chemical industry, and gear manufacturing.

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	250	600	13	140

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.

