NWB®

High Performance Bearing Technology

C65620 SILICON BRONZE (AMS 4616)



A special high strength silicon bronze; the additional iron content provides added strength in conjunction with the self lubricity of the silicon for excellent bearing and load properties. Easily machined into ball bearing cage assemblies!

Alternative Specifications

AMS 4616

Typical Uses

Aerospace

Anti-Friction Bearing Cages, Races, and Spacers

Room Temp Tensile & Hardness Data

TENSILE STRENGTH (KSI)	YIELD STRENGTH IN COMP. (KSI)	ELONGATION IN HD MIN	BRINELL (3000 KG)
56	20	30%	55

Chemical Composition

	Cu[1]	Fe	Mn	Si	Zn
min/max	90	1.0-2.0	1.0	2.4-4.0	1.5-4.0
nominal	-	-	-	-	-

(1) Cu value includes Ag.
Note: Cu + Sum of Named Elements, 99.5% min.

NWB®
National Distribution Centre
James Road
Adwick-Le-Street
Doncaster, South Yorkshire,
DN6 7HH
T: +44 1302 33066 F: +44 1302 330377