

Datasheet Phosphor Bronze Rod

ENGLISH

RS Stock number 110-040



Description:

Phosphor bronze: An alloy of copper with 3.5 to 10% of tin and a significant phosphorus content of up to 1%. The phosphorus is added as a deoxidizing agent during melting. These alloys are notable for their toughness, strength, low coefficient of friction and fine grain. The phosphorus also improves the fluidity of the molten metal and thereby improves the castability and improves mechanical properties by cleaning up the grain boundaries.

Applications:

Springs, bolts, switch components, masonry fixings & various other items used in situations where resistance to fatigue, wear and chemical corrosion are required e.g. ship's propellers in a marine environment.

Specifications:

Form:

Length:

Material:

Outer Diameter:

Rod

13 in.

Phosphor Bronze

5/8 in.

RS, Professionally Approved Products, gives you professional quality parts across all products categories. Our range has been testified by engineers as giving comparable quality to that of the leading brands without paying a premium price.