

# Fiche-Matière 66620

## BRONZE /

Sintered BRONZE/self lubricating

SCIP [Substances of Concern in articles as such or in complex objects (Products)] :  
n°9b42beea-7139-492d-9f58-85942da31a37

### Informations générales

|   |                                     |   |
|---|-------------------------------------|---|
| Plage de température                                    | -195°C / +280°C                     |   |
| Matière   | BRONZE                              |   |
| Couleur   |                                     |   |
| Résistance chimique                                     |                                     |   |
| <input checked="" type="checkbox"/> ROHS3 (UE/2015/863) | <input type="checkbox"/> Sans SVHC¹ | <input checked="" type="checkbox"/> Sans Phtalate |

### Propriétés

| Test                        | Norme | Unité | Valeur requise | Valeur |
|-----------------------------|-------|-------|----------------|--------|
| Dureté                      |       | HB    | 20-50          |        |
| Densité                     |       | g/cm3 | 6-7            |        |
| Résistance à la compression |       | MPa   | >120           |        |
| Impregnation d huile        |       | %     | >18            |        |
| Porosité                    |       | %     | >22            |        |

### Homologations

|  |                                    |
|--|------------------------------------|
| ADI : ADI Animal Derived Ingredient free |                                    |
| Commentaire                              | ADI Animal Derived Ingredient free |

### Composition

| Elément | Composant | Symbole | % moyen | % mini | % max | SVHC | GADSL |
|---------|-----------|---------|---------|--------|-------|------|-------|
| Bronze  | Carbone   | C       |         | 0      | 2     | No   |       |
| Bronze  | Cuivre    | Cu      | 81      |        |       | No   |       |
| Bronze  | Etain     | Sn      |         | 5      | 8,5   | No   |       |
| Bronze  | Zinc      | Zn      |         | 3      | 7     | No   |       |
| Bronze  | Plomb     | Pb      |         | 0      | 3     | Yes  |       |
| Bronze  | Autres    | other   |         | 0      | 2     | No   |       |

Temperature range is Bronze temperature range.

Real temperature range depends on oil used for impregnation.

Standard oil can be used up to 80°C but some other solutions can be proposed for higher temperature.