

TVH® TV12 (CuSn12)

Densité 8,80 g/cm³

Bronze à l'étain

Normes:

TRAID	TVH®	TV12
D	DIN 1705	CuSn12
F	AFNOR	U-E 12
GB	BS	BS 1400 PB2
USA	CDA	C 91700

Composition nominale:

Cu	84 – 88,5 %
Sn	10,5 – 13 %
Pb	0,6 – 1 %
Ni	Max. 2%
P	Max. 0,4 %
Divers	Rest

CARACTÉRISTIQUES	UNITÉS	COULÉE CONTINUE	COULÉE CENTRIFUGÉE	PIÈCES MOULÉES
Charge de rupture R _m	MPa	> 300	280	260
Limite d'élasticité R _{p0,2}	MPa	> 150	150	140
Allongement A ₅	%	8	5	12
Dureté Brinell	HB 10	> 90	95	80
Module d'élasticité E	GPa	118	118	118

CARACTÉRISTIQUES

Alliage pour tous usages nécessitant de bonnes caractéristiques mécaniques

Bonne résistance à l'usure

Bonne résistance à la corrosion

APPLICATIONS

Engrenages

Écrous couronnés

Rotules

Boîtes à vis pour machines outils

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