

TVH® TV7 (CuSn7ZnPb)

Densidad 8,80 g/cm³

Bronce al estaño 7%

Denominaciones:

TRAID	TVH®	TV7
D	DIN 1705	CuSn7ZnPb
F	AFNOR	U-E 7 Z5 Pb4
GB	BS	BS 1400
USA	CDA	C 93200

Composición:

Cu	81 – 85 %
Sn	6 – 8 %
Zn	3 – 5 %
Pb	5 – 7 %
Ni	Max. 2%
P	Max. 0,05 %
Otros combinados	Rest

PROPIEDADES	UNIDAD	COLADA CONTINUA	CENTRIFUGACION	FUND. EN ARENA
Resistencia a la tracción R _m	MPa	> 270	270	240
Limite elástico R _{p0,2}	MPa	> 120	130	120
Alargamiento A ₅	%	16	13	15
Dureza Brinell	HB 10	> 70	75	65
Módulo de elasticidad E	GPa	102	102	102

CARACTERISTICAS

Buen deslizamiento
 Buena lubricación
 Fácil mecanizado
 Resistente al agua marina

APLICACIONES MÁS COMUNES

Cojinetes de biela y acoplamientos
 Casquillos de fricción para aplicaciones generales de ingeniería mecánica
 casquillo de fricción sometidos a grandes esfuerzos con ejes de aceros endurecidos

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