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Datasheet TEP4



TEP4 consists of a steel backing with sintered porous bronze alloy, PTFE and polymer coating. TEP4 is lead-free and has good anti-wear, anti-fatigue, anti-punching and high bonding performance. it can now be applied as a substitute for TED1 and TEP1 type bearings.

Application

Material

Steel bearing made of 3 layers.

Availablity

	Value	Unit
Inside diameter	on request	
Outside diameter	on request	
Flange diameter	on request	
Flange height	on request	
Total length	on request	

The information in this datasheet is provided for general purposes only and not meant to be a specific recommendation for any individual application. All values were determined under laboratory conditions. ASEC Products is not directly neither indirectly responsible for any claim resulting from the use of any information provided in this datasheet.
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TEP4 - Specifications

Physical properties

	Test standard	Value	Unit

Mechanical properties

	Test standard	Value	Unit
Compressive strength static		on request	
Module of elasticity - Youngs modulus		on request	
Tensile strength		on request	
Shear strength		on request	
Impact strength		on request	
Hardness		on request	
Dynamic load capacity		140	MPa

Thermal properties

	Test standard	Value	Unit
Min. working temperature		-195	°C
Max. working temperature		280	°C
Intermittent working temperature		on request	

Friction properties

	Test standard	Value	Unit
Coefficient of friction dynamic		0.03-0.18	[-]
Max. sliding speed		10	m/s
Max. Pv-load dry		4,3	MPa*m/s
Max. Pv-load oil lubricated		60	MPa*m/s
Max. Pv-load on regular greased		on request	

Electrical properties

	Test standard	Value	Unit

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