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Datasheet TEFD02



TEFD02 soft strip is based on PTFE and filled with graphite and other lubricants. It is made by pressing and sintering. This material has good elasticity, a low friction coefficient, and high wear resistance. It most commonly fits to be used along with a metal base. Providing excellent friction and wear performance, it can be used as a piston for shock absorber and oil cylinder. It is widely used in many car brands, including Volkswagen, Buick, etc.

Application

Material

PTFE with graphite.

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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TEFD02 - 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	ASTM D3410	20	MPa
Shear strength		on request	
Impact strength		on request	
Hardness		on request	
Dynamic load capacity		on request	
Speed limit v max dry		1,5	m/s

Thermal properties

	Test standard	Value	Unit
Min. working temperature		-100	°C
Max. working temperature		250	°C
Intermittent working temperature		on request	

Friction properties

	Test standard	Value	Unit
Coefficient of friction dynamic		on request	
Max. sliding speed		1,5	m/s
Max. Pv-load dry		on request	
Max. Pv-load oil lubricated		on request	
Max. Pv-load on regular greased		on request	

Electrical properties

	Test standard	Value	Unit

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