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Datasheet TEFD03



TEFD03 modified soft strip is based on PTEE and special lubricant by pressing and sintering. It has high wear resistance, good performance in anti-impact, and is airtight. Currently, it is widely applied as a piston in flow pumps of lubricating machines and signet rings, etc.

Application

Material

PTFE base with special wear-resistant agents.

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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TEFD03 - Specifications

Physical properties

Test standard	Value	Unit
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Mechanical properties

	Test standard	Value	Unit
Compressive strength static		on request	
Module of elasticity - Youngs modulus		on request	
Tensile strength	ASTM D3410	23	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