

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.

Availability

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

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
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