

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 |
|--|---------------|-------|------|
|--|---------------|-------|------|

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 |
|--|---------------|-------|------|
|--|---------------|-------|------|