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

## 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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