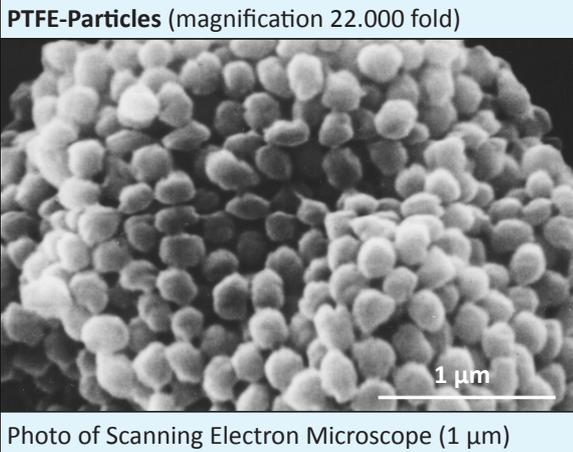


Product Specifications

Laboratory Data:



Chemical Name	polytetrafluor ethylene
Particle Size	≈0.2 µm
Agglomerates	2 up to 15 µm
Settled Apparent Density	255 - 600 g/l
Chemical Resistance	very good
Water Absorption	none
Color	white
Melting Point	+310 °C to +340 °C [+590 °F to +644 °F]
Durability	excellent
Compatibility with Plastics	very good
Application Temperatures	-80 °C bis +200 °C [-112 °F to +392 °F]

Comments:

Lowest friction coefficients at low sliding speed. Prevents from stick-slip! In contrast to conventionally lubricated sliding elements, dust and dirt isn't absorbed.

Micro-PTFE-Powder isn't toxic. If used in accordance with the regulations no risks exist concerning the health. Do not inhale the PTFE dust.

At temperatures above 210 °C [410 °F] toxic vapours may be set free. In order to prevent from inhaling these vapours its contact with tobaccos and cigarettes should be avoided.

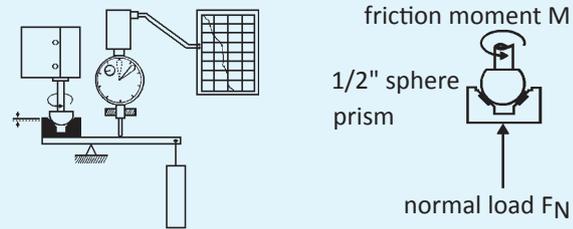
P261b

Micro-PTFE-Powder

Article No.: TG0110
Solid Lubricant

Tribological Data:

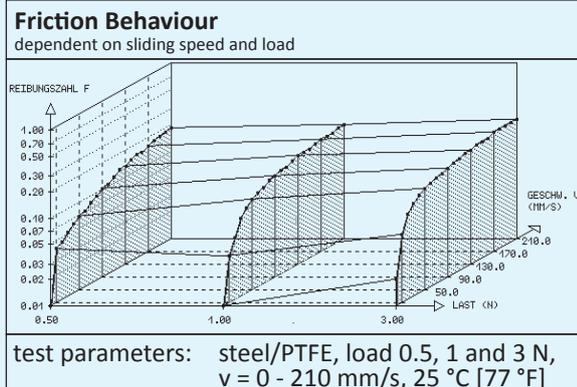
Test System: sphere on prism (ISO 7148/2)



Friction Behaviour
dependent on sliding speed

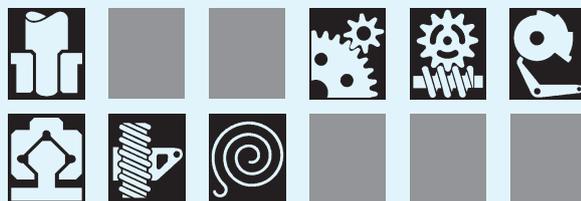
v (mm/s)	f	friction coefficient f
0	0.02	0.1 0.2 0.3 0.4
20	0.09	
50	0.14	
200	0.23	

materials: steel/PTFE, load 3 N, 25 °C [77 °F]

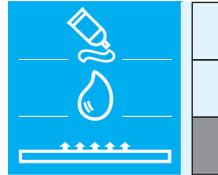


Applications:

For all friction pairings, which must be free of oils and greases. For slide ways, frictions, guidances, worm gears, etc. Suited for all kind of material, i. e. metals, glass, plastics, wood, elastomers, etc.



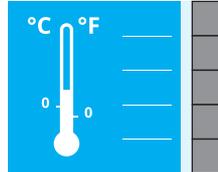
Product



Bearing material



Application temperature



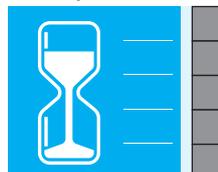
Bearing load



Sliding speed



Durability



Viscosity



Wetting

