

Application purpose and characteristics

lubricating & non-lubricating hydraulic fluids; guide tape; for dry application; high extrusion resistance

Material name, short description	PTFE
Material name, based on technical standards	PTFE carbon/graphite
Density	2.10 g/cm ³
Color	black
Compound code	PTFE CG.328-02

Mechanical properties

Tensile strength	18.4 N/mm ² ASTM D 4894
Elongation at break	202 % ASTM D 4894
Hardness nominal value	60 ±5 Shore D ASTM D 2240
Hardness test value	60 Shore D ASTM D 2240

Thermal attributes

Min. operating temperature	-200 °C
Max. operating temperature long term	280 °C

In compliance with **RoHS** and **REACH** directives.

This information is based on our available data. These values are measured on standard test specimens and are within the normal tolerance range of material properties and do not represent guaranteed property values. Therefore they shall not be used for specification purposes. The customer is solely responsible for quality and suitability of material for his application. He has to test usage and processing prior to use. Angst+Pfister makes no guarantees for the suitability of the material for any given application and assumes no obligation or liability in connection with the information provided above.