

**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	2.09 g/cm <sup>3</sup>
Color	black
Compound code	PTFE CG.429-01

**Mechanical properties**

Tensile strength	18 N/mm <sup>2</sup> ASTM D 4894-07
Elongation at break	60 % ASTM D 4894-07
Hardness nominal value	60 ±5 Shore D ASTM D 2240-05
Hardness test value	60 Shore D ASTM D 2240-05

**Thermal attributes**

Min. operating temperature	-200 °C
Max. operating temperature long term	260 °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.