

Application purpose and characteristics

standard compound for lubricating hydraulics in linear motion; high extrusion resistance; zinc-containing oil

Material name, short description	PTFE
Material name, based on technical standards	PTFE modified + bronze
Density	3.06 g/cm³
Color	green
Compound code	PTFE BC.429-01
Remarks	PTFE with 40% bronze and additive

Mechanical properties

Tensile strength	24 N/mm² ASTM D 4894-07
Elongation at break	260 % ASTM D 4894-07
Hardness nominal value	57 ±5 Shore D ASTM D 2240-05
Hardness test value	57 Shore D ASTM D 2240-05

Thermal attributes

Min. operating temperature	-70 °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.