

PCF28 datasheet

Compound:

PCF28 is a PTFE compounded material with carbonfiber and graphite additives for oil or water lubricated and unlubricated applications.

Qualifications:

- Medium low friction
- Good chemical resistance
- Very good wear resistance
- Very good extrusion resistance
- Very good abrasion resistance
- Very good dry running properties

Typical properties

Physical properties	test method	unit	value
Color			dark grey
Specific gravity	ASTM D792 at 23°C	g/cm ³	2,08
Hardness	ASTM D2240 at 23°C	Shore D	58
Tensile strength at break	ASTM D4894 at 23°C	Mpa	22,8
Elongation at break	ASTM D4894 at 23°C	%	278
thermal properties	unit	min.	max.
Service temperature range	°C	-200	260

Maximum and minimum working temperature is depending on the specific application criteria

The above values are typical

The information in this datasheet is based on many years of experience in the application of PCF28. However, unknown parameters and conditions may restrict general statements during usage. It is vital that users satisfy themselves as to the suitability of individual products through adequate testing. For this reason and due to the wide range of applications of our products, AST B.V. can accept no liability as to the suitability or correctness of our recommendations in individual cases. The application limits for pressure, temperature and velocity given in this datasheet are maximum values determined in the test laboratory. During practical applications it should be remembered that due to the interaction of the operating parameters, the maximum values must be set correspondingly lower. For exceptional operating conditions, please contact us.