

PTF32

MATERIAL	PTF32 is a virgin PTFE compound with filler additives.
DESCRIPTION	It has very low friction and low compressive strength. It has good chemical resistance. The wear-, extrusion- and abrasion resistance are very good.
APPLICATION	It is used for a variety of applications, including medium duty, unlubricated, and more. It's also suitable for soft mating surfaces.

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

PHYSICAL PROPERTIES	TEST METHOD	UNIT	VALUE
Color			Turquoise
Specific Gravity	ASTM D792 at 23°C	g/cm ³	2,16
Hardness	ASTM D2240 at 23°C	Shore D	53
Tensile strength at break	ASTM D4894 at 23°C	MPa	24,2
Elongation at break	ASTM D4894 at 23°C	%	412
Service temp. range	/	°C	-200/260

The above values are typical

The information in this datasheet is based on many years of experience in the application of PTF32. 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.