

PTFE

POLYTETRAFLUOROETHYLENE

PHYSICAL PROPERTIES

Density	DIN 53479	G/cm ³	2.16
Tensile Strength at yield	DIN 53455	M/Pa	25
Elongation at break	DIN 53455	%	500
Charpy Impact Strength	DIN 53453	KJ/m ²	no break
Maximum Service Temperature	Short term	°C	260
	Long term	°C	260
Moisture Absorption: Equilibrium in standard atmosphere (23°C/50% relative humidity)	DIN 53714	%	0
Ball Indentation Hardness	DIN 53456	MPa	30

Technical Data Sheet

FURTHER INFORMATION

Electrical Properties

Specific Volume Resistance	DIN 53482	$\Omega * \text{cm}$	10^{18}
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THERMAL PROPERTIES

Flammability	UL94		VO
Co efficient Thermal Expansion		$10^{-5}/\text{K}$	12

The above data is based on present knowledge and is given without guarantee.
Existing laws and conditions are to be respected by the user of our products.

PARTWELL LIMITED
CUTTING TECHNOLOGY SPECIALISTS
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