



SPEC SHEET : TEFLON/PTFE SERIES : KN5602/PTFE ROD

Application

- ◆ Corrosion resistance: widely used in all chemical containers and parts which contacted with corrosive media, such as tanks, reactors, equipment lining, valves, pumps, fittings, filter materials, separation materials and pipe for corrosive fluids.
- ◆ Abrasion resistance: can be used as a self lubricating bearing, piston rings, seal rings, gaskets, valve seats, sliders and rails etc..
- ◆ Insulation materials: mainly used in the manufacture of various products with high temperature resistance, high-frequency resistance, electrical insulation and arc resistance, such as high-frequency cables, moisture-resistant cables, capacitor coils, insulating cover for wire, etc..
- ◆ Non-stick materials: can be used for non-stick coating such as non-stick pan and non-stick roller for food processor.

Physical Properties

Item	Unit	Standard value	Test method
Density	g/cm ³	2.10~2.30	-
Color	-	Black	-
Tensile Strength	MPa	≥15.0	GB/T 1040.3-2006
Tensile Elongation	%	≥150	GB/T 1040.3-2006
Continuous Use Temperature	°C	-80~260	ASTM D4894



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