

PTFE VIRGIN

Standard colour :white

- Resistant to all most all chemical with the exception of elementary fluor
- Low permeability to gas

PROPERTIES	Value	Unit	Test method
Hardness	≥ 58	Shore D	ASTM 2240
Specific gravity	2.14_2.18	g/cm ³	ASTM D792
Coefficient of linear thermal expansion	12_13	$\frac{1}{^{\circ}\text{C}} \times 10^5$	ASTM D696
Tensile strength	≥ 24	N/mm ²	ASTM D4745
Elongation at break	≥ 250	%	ASTM D4745
Compression strength at 1 % deformation	15.3	N/mm ²	ASTM D695
Deformation under load (24 H 13.7 N/mm ² 23 °C)	14_17	%	ASTM D621
Permanent deformation (as above, after 24-h relaxation)	7_9	%	ASTM D621
Dinamico/Kinetic Coefficient Of friction	0.06	/	ASTM D1894
Wear factor at PV 100	2900	N/mm	ASTM D3702
Min.service temperature	-200	°C	
max.service temperature	+260	°C	