



Virgin PTFE Datasheet

Properties	unit	Result
Apparent density	g/cm3	2.30-2.50
Tensile strength (min)	MPa	15
Ultimate elongation (min)	%	150
Working Temp	°C	-180 ~ 260
Melting point	°C	327
Produce Max. Temp	°C	385

Properties	ATM Method	Units	Virgin PTFE
Specific Gravity	D792	2.14-2.20	2.15-2.20
Tensile Strength	D638	PSI	1500-3500
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Elongation	D638	%	250-350
Hardness	D1700	Durometer "D"	50-60
Deformation %	D621	N/A	4~8
73 0 F, 1500 psi, 24 hours Deformation %	D621	N/A	10~18
100 0 F, 1500 psi, 24 hours Deformation %	D621	N/A	20-25
200 0 F, 1500 psi, 24 hours			
Impact Strength,	D256	Ft./Lb./In.	3