



H.S. WHITE CORPORATION

Marine and Industrial Specialties

1350 S. Dixie Highway East • Pompano Beach, FL 33060
Pompano (954) 785-6760 Miami (305) 940-2700 W.P.B. (561) 832-4144
Fax (954) 785-8247 Website: www.HSWHITE.com

STYLE 8765

Virgin PTFE Sheet and Film

Property	Units	ASTM Method	Typical Values ¹
Specific Gravity	g/cc	D-792	2.14-2.20
Hardness	Shore D	D-2240	52-65
Tensile Strength	Psi	D-638 D1708	2800 min
Elongation	%	D-638 D-1709	270 min
Deformation Under Load (73° F., 2000 psi, 24hrs.)	%	D-621	15-16
Coefficient of Linear Thermal Expansion (78° F.-400° F.)	In./in./ °F	D-696	4-9 x 10 ⁻⁵
Thermal Conductivity	BTU/hr./ft. ² /F.in	C-177	1.7
Volume Resistivity	ohm-cm	D-257	>10 ¹⁵
Dielectric Strength	volts/mil	D-149a	300 min

¹ The measured values expressed in ranges reflect measurements made both with and across the molding direction of the product.

WARNING: Properties shown on this document are typical. Your specific application should not be undertaken without independent study and evaluation for suitability. For specific application recommendations, consult H.S.White. While the utmost care has been used in compiling this document, we assume no responsibility for errors. This edition cancels all previous issues. Subject to change without notice.