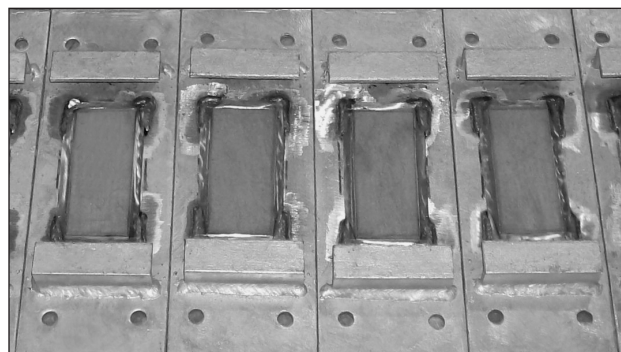




PTFE, 25% GLASS FILLED, SPECIFICATIONS

MECHANICAL	PROPERTY	VALUE	ASTM TEST METHOD
	Specific Gravity Measured	2.1 - 2.3	D638
	Water Absorption (%)	0.013	D570-59T
	Hardness, Shore D @ 78 °F @ 300 °F	57 56	D2240
	Wear Factor K	less than 10×10^{-10}	
	Tensile Strength (PSI)	2,000 min.	D1457-56T
	Tensile Elongation (%)	200 - 250	D1457-56T
	Flexural Strength (PSI)	606	D790-59T
	Modulus (PSI)	2.39×10^5	D638
	Compressive Strength (PSI) 0.2% offset	1870	D695-54
	Deformation at 78 °F, 2000 PSI 24 hr. Permanent Deformation (%)	7.1 3.9	D621-59 (modified)
	Deformation at 78 °F, 2000 PSI 100 hr. Permanent Deformation (%)	8.9 4.4	
	Coefficient of Friction	0.06 for loads > 500 PSI static	Modified
ELECTRICAL	PROPERTY	VALUE	ASTM TEST METHOD
	Dielectrical Strength in air (v per mil)	327	D149A
	Dielectrical Constant @ 60 cps	2.63	D150-54T
	Volume Resistivity (ohm-cm)	10^{13}	D257-57T
THERMAL	PROPERTY	VALUE	ASTM TEST METHOD
	Coefficient of Linear Thermal Expansion (per °F)	6.98×10^{-5}	D694-44
	Coefficient of Thermal Conductivity (Btu-in.) hr-sq. (ft. °F)	3.12	Cenco-Fitch
	Continuous Service Temperature (°F)	550	Various
	Weatherability	Unaffected	Physical exposure



SLIDE PLATES