

Description

9400

PHYSICAL PRODUCT DATA

Common Applications: Plastic shims, color coded and offered in thicknesses from .0005” to .060”, where accuracy of assembly is an absolute and shims are required.

PHYSICAL TEST	TYPICAL VALUES
Temperature Range:	-94°F to 302°F
Melting Point:	491°F
Water Absorption:	0.80%
Ultimate Elongation:	120%
Tensile at Yield:	170 Mpa
Compression at 500 psi:	0.11%
Creep:	0.90%
Density:	1.39 g/cm ³

ELECTRICAL TEST	TYPICAL VALUES
Dielectric Strength:	280 kV/mm
Volume Resistivity:	1x10 ¹³ cm
Surface Resistivity:	1x10 ¹⁶ cm

CHEMICAL	TYPICAL
Acetic Acid:	Suitable
Hydrochloric Acid:	Suitable
Sodium Hydroxide:	Suitable
Water:	Suitable
Tricoethylene:	Suitable
Detergent Oils 50°F:	Suitable
Detergent Oils 194°F:	Not Suitable
Other Hydrocarbon Oils:	Suitable
Ammonium Hydroxide:	Not Suitable

Standard Gauges: .0005” clear, .001” amber, .0015” purple, .002” red, .003” green, .004” tan, .005” blue, .006” clear, .0075” transmatte, .010” brown, .012” black, .015” pink, .020” yellow.

Surface coloring on shims may dissolve in solvents without deterioration to the base material. All materials should be tested for suitability for food and drink contact as well as other performance characteristics.