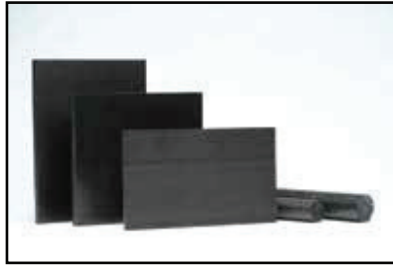




# POMALUX® CN-P

Conductive Acetal Copolymer (POM)



\*\* POMALUX® is the registered trademark of

## WESTLAKE PLASTICS COMPANY

### PRODUCT CAPABILITIES:

- Rod : 1/4" - 2"
- Heavy Gauge Sheet : 1/4" - 2"

### ADVANTAGES:

- Dimensionally Stable
- Extremely Strong and Stiff
- Highly Chemical Resistance
- Temperature Resistance To 103°C / 217°F

### PRODUCT COLORS:

- Black

### APPLICATIONS INCLUDE:

- Disk Drive Assembly Fixtures
- Handling Equipment In The Electrical/Electronic Or Semiconductor Industry
- Telecommunication Hardware
- Automotive Equipment

GENERAL PROPERTIES	ASTM or UL Test	POMALUX® CN-P Typical Values
<b>PHYSICAL</b>		
Specific Gravity (g/cm <sup>3</sup> )	D792	1.45
Water Absorption, 24 hrs (%)	D570	-
<b>MECHANICAL</b>		
Tensile Strength (psi)	D638	8,400
Tensile Elongation at Yield (%)	D638	3.6
Flexural Strength (psi)	D790	13,700
Flexural Modulus (psi)	D790	471,000
IZOD Notched Impact (ft-lb/in)	D256	0.6
IZOD Un-Notched Impact (ft-lb/in)	D256	14.9
Hardness, Shore D	D2240	-
<b>THERMAL</b>		
Coeff. of Thermal Expansion (x 10 <sup>-5</sup> in./in./°F)	D696	-
Heat Deflection Temp (°F / °C) @ 264 psi	D648	-
Thermal Conductivity (BTU-in/ft <sup>2</sup> -hr-°F)	C177	-
Flammability Rating @ .030"	UL-94	-
<b>ELECTRICAL</b>		
Surface Resistivity (ohms/sq)	D257	10 <sup>2</sup> - 10 <sup>6</sup>
Volume Resistivity (ohm-cm) at 73°F, 50% RH	D257	-
Static Decay, 15% RH (seconds)	MIL-B-81705-B	-

NOTE: The information contained here in is typical values intended for reference only. They should NOT be used as a basis for design specifications or quality control.

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