



** 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 |
|---|-----------------|-----------------------------------|
| PHYSICAL | | |
| Specific Gravity (g/cm ³) | D792 | 1.44 |
| Water Absorption, 24 hrs (%) | D570 | 0.25 |
| MECHANICAL | | |
| Tensile Strength (psi) | D638 | 7,986 |
| Tensile Elongation at Yield (%) | D638 | 3.9 |
| Flexural Strength (psi) | D790 | 14,577 |
| Flexural Modulus (psi) | D790 | 0.474 |
| IZOD Notched Impact (ft-lb/in) | D256 | 0.7 |
| IZOD Un-Notched Impact (ft-lb/in) | D256 | 17 |
| Hardness, Shore D | D2240 | - |
| THERMAL | | |
| Coeff. of Thermal Expansion (x 10 ⁻⁵ in./in./°F) | D696 | 4.9 |
| Heat Deflection Temp (°F / °C) @ 264 psi | D648 | 217 / 103 |
| Thermal Conductivity (BTU-in/ft ² -hr-°F) | C177 | - |
| Flammability Rating @ .030" | UL-94 | - |
| ELECTRICAL | | |
| Surface Resistivity (ohms/sq) | D257 | 10 ² - 10 ⁶ |
| 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.