

DESCRIPTION

PC- 9016 is a very low viscosity, urethane casting resin. When fully cured, PC-9016 forms an absolutely clear part. PC-9016 reproduces realistic “Glass Like” appearance when molded in silicone rubber molds. PC-9016 is ideal for casting large parts.

FEATURES

- Extreme clarity
- Low viscosity
- Rapid curing
- High strength and durometer
- Non-yellowing/UV Stable

WORKING PROPERTIES

| Uncured | Test Methods (ASTM) | Value |
|-------------------------------|---------------------|------------|
| Viscosity Part A at 72 F, cps | D-2392-71 | 600 |
| Viscosity Part B at 72 F, cps | D-2392-71 | 900 |
| Viscosity Mixed at 72 F, cps | D-2392-71 | 700 |
| Mixed Ratio by Volume | | N/A |
| Mixed Ratio by Weight | | 100-A/67-B |
| Weight per gallon, lbs | | 8.86 |
| Cubic inches per pound | | 26.07 |

| Cured | Test Methods (ASTM) | Value |
|-----------------------|---------------------|-----------------|
| Hardness – Shore D | D-2240-68 | 80 |
| Tensile strength, psi | D-638 | 10,500 |
| Elongation, % | D-638 | 4.5 |
| Tear strength, psi | D-624 Die C | N/A |
| Shrinkage in inches | D-2566 | .0015 |
| Color | | Optically Clear |

| Cure Schedule | Test Methods (ASTM) | Value |
|---------------|---------------------|--------|
| Pot Life | D-2471-71 | 15 min |
| Demold Time | | 2 hrs |
| Full Cure | | 24 hrs |

Suggested Uses

Clear Casting, Potting, Encapsulating