

### DESCRIPTION

PC-65 is a versatile, two-component, liquid castable polyurethane elastomer. PC-65 combines high strength and elongation with excellent chemical resistance to create durable and flexible molds or parts.

### FEATURES

- Insensitive to typical environmental moisture
- Low viscosity
- High strength and low durometer
- Tough with high tear strength
- Good grease and oil resistance
- Good flow into fine detail
- Convenient 1:1 mix by volume
- Good dimensional stability
- Insensitive to inhibition
- Good adhesion between pours

### WORKING PROPERTIES

| Uncured                       | Test Methods (ASTM) | Value       |
|-------------------------------|---------------------|-------------|
| Viscosity Part A at 72 F, cps | D-2392-71           | 1,200       |
| Viscosity Part B at 72 F, cps | D-2392-71           | 1,600       |
| Viscosity Mixed at 72 F, cps  | D-2392-71           | 1,400       |
| Mixed Ratio by Volume         |                     | 100-A/100-B |
| Mixed Ratio by Weight         |                     | 100-A/97-B  |
| Weight per gallon, lbs        |                     | 8.82        |
| Cubic inches per pound        |                     | 26.19       |

| Cured                 | Test Methods (ASTM) | Value  |
|-----------------------|---------------------|--------|
| Hardness – Shore A    | D-2240-68           | 65     |
| Tensile strength, psi | D-412-68            | 1,700  |
| Elongation, %         | D-412-68            | 480    |
| Tear strength, psi    | D-624 Die C         | 375    |
| Shrinkage in inches   | D-2566              | 0.0015 |
| Color                 |                     | Beige  |

| Cure Schedule | Test Methods (ASTM) | Value   |
|---------------|---------------------|---------|
| Pot Life      | D-2471-71           | 5-7 min |
| Demold Time   |                     | 1-2 hrs |
| Full Cure     |                     | 24 hrs  |

### Suggested Uses

Molding, Casting, Potting, Encapsulating