

### DESCRIPTION

PC-9035 is a very low viscosity, two component urethane-casting resin. When fully cured, forms a flexible and absolutely clear plastic. PC-9035 reproduces a realistic "Glass Like" appearance when molded in silicone rubber molds. PC-9035 can be used to manufacture "non yellowing" colored parts requiring ultraviolet stability. In addition PC-9035 can be used as a deep dome coating for plastic or paper labels. Vacuum degassing is highly recommended to ensure maximum clarity.

### FEATURES

- Extreme clarity
- Low viscosity
- Flexibility with high strength
- Non yellowing / UV stable
- Rapid curing

### WORKING PROPERTIES

Uncured	Test Methods (ASTM)	Value
Viscosity Part A at 72 F, cps	D-2392-71	450
Viscosity Part B at 72 F, cps	D-2392-71	850
Viscosity Mixed at 72 F, cps	D-2392-71	600
Mixed Ratio by Volume		50-A/100-B
Mixed Ratio by Weight		50-A/100-B
Weight per gallon, lbs		8.96
Cubic inches per pound		25.78

Cured	Test Methods (ASTM)	Value
Hardness – Shore A	D-2240-68	65
Tensile strength, psi	D-412-68	2,000
Elongation, %	D-412-68	20
Tear strength, psi	D-624 Die C	N/A
Shrinkage in inches	D-2566	0.0015
Color		Optically Clear

Cure Schedule	Test Methods (ASTM)	Value
Pot Life	D-2471-71	30 min
Demold Time		4-6 hrs
Full Cure		24 hrs

### Suggested Uses

Clear Casting, Domed Labels, Encapsulating