

DESCRIPTION

PC- 9024 a very low viscosity, urethane casting resin. Specifically formulated for casting large parts, forming an absolutely clear urethane casting. PC-9024 reproduces realistic “Glass Like” appearance when molded in silicone rubber molds. Vacuum degassing is highly recommended to ensure maximum clarity.

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	450
Viscosity Part B at 72 F, cps	D-2392-71	550
Viscosity Mixed at 72 F, cps	D-2392-71	500
Mixed Ratio by Volume		100-A/100-B
Mixed Ratio by Weight		100-A/98-B
Weight per gallon, lbs		8.84
Cubic inches per pound		26.13

Cured	Test Methods (ASTM)	Value
Hardness –Shore D	D-2240-68	75
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	30
Demold Time		4-6 hrs
Full Cure		24 hrs

Suggested Uses

Clear Casting, Potting, Encapsulating