

DESCRIPTION

PC-9030 is a very low viscosity, two-component urethane molding compound. Fully cured, PC-9030 reproduces a realistic "Glass Like" appearance when molded in silicone rubber molds. PC-9030 can be used as a deep dome coating for plastic or paper labels. Vacuum degassing highly is recommended to ensure maximum clarity.

FEATURES

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

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		8.88
Cubic inches per pound		26

Cured	Test Methods (ASTM)	Value
Hardness – Shore A	D-2240-68	85
Tensile strength, psi	D-412-68	2,000
Elongation, %	D-412-68	20
Tear strength, psi	D-624 Die C	185
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

*Heating to 120F can significantly reduce final Cure

Suggested Uses

Clear Casting, Domed Labels, Encapsulating