

DESCRIPTION

PC-104 is a very low viscosity fast setting urethane casting compound. The cure properties allow rapid demold for high-resolution parts. The low viscosity of PC-104 and 1:1 by volume mix ratio make for easy hand mixing and application.

FEATURES

- _ Low viscosity
- _ High strength and durometer
- _ Convenient 1:1 mix by volume

WORKING PROPERTIES

Uncured	Test Methods (ASTM)	Value
Viscosity Part A at 72 F, cps	D-2392-71	150
Viscosity Part B at 72 F, cps	D-2392-71	800
Viscosity Mixed at 72 F, cps	D-2392-71	600
Mixed Ratio by Volume		100-A/100-B
Mixed Ratio by Weight		100-A/88-B
Weight per gallon, lbs		9.17
Cubic inches per pound		25.19

Cured	Test Methods (ASTM)	Value
Hardness – Shore D	D-2240-68	40
Tensile strength, psi	D-638	2,800
Elongation, %	D-638	200
Tear strength, psi	D-624 Die C	N/A
Shrinkage in inches	D-2566	.0052
Color		Gray

Cure Schedule	Test Methods (ASTM)	Value
Pot Life	D-2471-71	8-10 min
Demold Time		20-30 min
Full Cure		24 hrs

Suggested Uses

Casting, Potting, Encapsulating