

DESCRIPTION

PC-STONE is a two component, rapid setting urethane casting resin. When fully cured, PC-STONE attains high compression and heat distortion characteristics making it ideal for patterns or prototype models. PC-Stone is heavily loaded with ceramic fillers, giving it excellent insulating properties.

FEATURES

- Lightweight casting resin
- Durable when cured
- Rapid setting
- Convenient 1:1 by volume mix ratio
- High compression and heat distortion

WORKING PROPERTIES

Uncured	Test Methods (ASTM)	Value
Viscosity Part A at 72 F, cps	D-2392-71	1,000
Viscosity Part B at 72 F, cps	D-2392-71	2,100
Viscosity Mixed at 72 F, cps	D-2392-71	2,000
Mixed Ratio by Volume		100-A/100-B
Mixed Ratio by Weight		100-A/88-B
Weight per gallon, lbs		7.39
Cubic inches per pound		31.25

Cured	Test Methods (ASTM)	Value
Hardness – Shore D	D-2240-68	65
Tensile strength, psi	D-638	10,500
Elongation, %	D-638	N/A
Tear strength, psi	D-624 Die C	N/A
Shrinkage in inches	D-2566	.0026
Color		Gray

Cure Schedule	Test Methods (ASTM)	Value
Pot Life	D-2471-71	2 min
Demold Time		20 min
Full Cure		24 hrs

Suggested Uses

Casting, Potting, Encapsulating