

DESCRIPTION

PC-360 is a versatile, two component liquid castable polyurethane elastomer. Individual components are colored for visually determining complete mixing. The physical properties of PC-360 make it an excellent choice for rapid production of parts & molds.

FEATURES

- Tough with high tear strength
- Good grease and oil resistance
- Good flow into fine detail
- Convenient 2:1 mix by weight
- Good adhesion between pours
- Rapid curing
- Good dimensional stability
- Long mold storage life
- Color coded mix indication
- Insensitive to inhibition
- Low viscosity
- Low shrinkage

WORKING PROPERTIES

Uncured	Test Methods (ASTM)	Value
Viscosity Part A at 72 F, cps	D-2392-71	4,500
Viscosity Part B at 72 F, cps	D-2392-71	500
Viscosity Mixed at 72 F, cps	D-2392-71	3,500
Mixed Ratio by Volume		100-A/51.4-B
Mixed Ratio by Weight		100-A/50-B
Weight per gallon, lbs		9.17
Cubic inches per pound		25.19

Cured	Test Methods (ASTM)	Value
Hardness – Shore A	D-2240-68	50-55
Tensile strength, psi	D-412-68	1,494
Elongation, %	D-412-68	650
Tear strength, psi	D-624 Die C	220
Shrinkage in inches	D-2566	0.0015
Color		Transparent Blue

Cure Schedule	Test Methods (ASTM)	Value
Pot Life	D-2471-71	12 min
Demold Time		1-2 hours
Full Cure		24 hrs

Suggested Uses

Molding, Casting, Potting, Encapsulating