

DESCRIPTION

PC-10 is a versatile two component liquid polyurethane elastomer. This material is ideal for high strength molds with low durometer and low residual surface tack. PC-10 is perfect for very soft molded parts or as a mold for casting objects with heavy undercuts.

FEATURES

- Tough with high tear strength
- Good grease and oil resistance
- Good flow into fine detail
- Good dimensional stability
- Convenient 1:1 mix by weight
- Good dimensional stability
- Insensitive to inhibition
- Good adhesion between pours

WORKING PROPERTIES

Uncured	Test Methods (ASTM)	Value
Viscosity Part A at 72 F, cps	D-2392-71	2,500
Viscosity Part B at 72 F, cps	D-2392-71	2,000
Viscosity Mixed at 72 F, cps	D-2392-71	2,200
Mixed Ratio by Volume		96-A/100-B
Mixed Ratio by Weight		100-A/100-B
Weight per gallon, lbs		8.94
Cubic inches per pound		25.61

Cured	Test Methods (ASTM)	Value
Hardness – Shore A	D-2240-68	10
Tensile strength, psi	D-412-68	243
Elongation, %	D-412-68	1037
Tear strength, psi	D-624 Die C	81
Shrinkage in inches	D-2566	0.0015
Color		Cream White

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

Suggested Uses

Molding, Casting, Potting, Encapsulating