

DESCRIPTION

PC-100 is a 100% solids urethane elastomeric coating, with extremely low shrinkage. This formulation offers anti-fungal properties, extreme moisture and ultraviolet stability, containing no TDI or MOCA. PC-100 can be used for molding parts or as a coating when proper primer is applied.

FEATURES

- Tough with high tear strength
- Fungus resistant
- Low shrinkage
- High Viscosity

WORKING PROPERTIES

Uncured	Test Methods (ASTM)	Value
Viscosity Part A at 72 F, cps	D-2392-71	20,000
Viscosity Part B at 72 F, cps	D-2392-71	300
Viscosity Mixed at 72 F, cps	D-2392-71	15,000
Mixed Ratio by Volume		N/A
Mixed Ratio by Weight		100-A/20-B
Weight per gallon, lbs		8.55
Cubic inches per pound		27

Cured	Test Methods (ASTM)	Value
Hardness – Shore A	D-2240-68	82
Tensile strength, psi	D-412-68	3,200
Elongation, %	D-412-68	375
Tear strength, psi	D-624 Die C	385
Shrinkage in inches	D-2566	0.0015
Color		Medium Blue

Cure Schedule	Test Methods (ASTM)	Value
Pot Life	D-2471-71	30 min
Demold Time		2-4 hrs
Full Cure		24 hrs

Suggested Uses

Coating, Casting, Potting, Encapsulating