

DESCRIPTION

PC-604 is a two-component, liquid castable polyurethane elastomer containing no TDI or MOCA. PC-604 has outstanding physical properties, exhibiting high tensile and tear strength along with exceptional abrasion resistance.

FEATURES

- Insensitive to environmental moisture
- 4:1 mix ratio by weight
- Good dimensional stability
- No TDI or MOCA

WORKING PROPERTIES

Uncured	Test Methods (ASTM)	Value
Viscosity Part A at 72 F, cps	D-2392-71	7,000
Viscosity Part B at 72 F, cps	D-2392-71	100
Viscosity Mixed at 72 F, cps	D-2392-71	3,500
Mixed Ratio by Volume		N/A
Mixed Ratio by Weight		100-A/25-B
Weight per gallon, lbs		8.56
Cubic inches per pound		25.78

Cured	Test Methods (ASTM)	Value
Hardness – Shore D	D-2240-68	45
Tensile strength, psi	D-412-68	5,500
Elongation, %	D-412-68	125
Tear strength, psi	D-624 Die C	1250
Shrinkage in inches	D-2566	0.0015
Color		Trans. Amber

Cure Schedule	Test Methods (ASTM)	Value
Pot Life	D-2471-71	15 min
Demold Time		4-6 hrs
Full Cure		24 hrs

Suggested Uses

Molding, Casting, Potting, Encapsulating