



Por-A-Thane™

C60T

APPLICATIONS

Por-A-Thane C60T is a prepolymer for molding components in the 59 Shore A hardness that require excellent abrasion resistance and low compression set.

CHARACTERISTICS

Por-A-Thane C60T is a T.D.I. terminated prepolymer based on a specially formulated caprolactone polyol and Toluene Diisocyanate. It can be easily processed with Methylene Bis Orthochloroaniline (MBOCA).

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|--------------------|---------------|
| Appearance | Waxy Solid |
| NCO Content | 3.3 - 3.5% |
| Viscosity at 212°F | 500 ± 100 CPS |
| Specific Gravity | 1.08 ± .005 |

PROPERTIES OF CURED ELASTOMER

| | |
|-----------------------------|-------|
| Curative | MBOCA |
| Stoichiometry | 95% |
| Durometer Hardness, Shore A | 59 |
| Modulus, PSI | |
| 100% | 500 |
| 300% | 1200 |
| Ultimate Tensile, PSI | 4700 |
| Elongation, % | 475% |
| Tear Die C, PLI | 170 |
| Resilience, Bashore, % | 35% |
| Compression Set, Method B | 14% |

PROCESSING

| | |
|--------------------------------|-------------------|
| Curative | MBOCA |
| Stoichiometry | 95% |
| Processing Temperature | 212°F |
| Pot Life | 30 Minutes |
| Demold Time | 180 Minutes |
| Post Cure Time/ Temperature | 16 Hours 212°F |

ATTENTION:

When using any chemical, the following safety precautions must be followed:

Use only in WELL VENTILATED areas. Avoid prolonged or repeated contact with skin. Wear CHEMICALLY RESISTANT RUBBER GLOVES, RUBBER APRON and SAFETY GLASSES. If swallowed, or in the event of contact with eyes, IMMEDIATE MEDICAL ATTENTION is advised. Read MATERIAL SAFETY DATA SHEET.

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