



Por-A-ThaneTM

E80T

APPLICATIONS

A prepolymer for molding components in the 80 Shore A hardness that require excellent abrasion resistance.

E80T is a NCO terminated prepolymer based on a polyether polyol and TDI 80\20. It can be easily processed with Methylene Bis Orthochloroaniline (MBOCA).

CHARACTERISTICS

Appearance	Semi Solid/Super Cooled Liquid
NCO Content	2.9 – 3.1 %
Viscosity at 160° F	3000CPS
Specific Gravity	1.14

Please note the information contained in this bulletin is a reference only and not meant as a specification. Please contact the technical service department at PUMA Polymers, Inc. to obtain material specifications.

PROPERTIES OF CURED ELASTOMER

Curative	MBOCA
Stoichiometry	95%
Durometer Hardness, Shore A	80
Ultimate Tensile, PSI	5000
Elongation, %	500
Tear Die C, PLI	550
Resilience, Bashore, %	55



PROCESSING

Curative	MBOCA
Stoichiometry	95%
Processing Temperature	110° C
Pot Life	6 Min.
Demold Time	35 Minutes
Post Cure Time	8 Hrs.
Temperature	110° C

Note: All Data gathered @ 1 week full cure and is a statement about averages and content.
Contact PUMA Polymers for specifics.

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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