



Por-A-Thane™

A95T

APPLICATIONS

A prepolymer for molding components in the 95 Shore A hardness that require excellent abrasion resistance.

CHARACTERISTICS

Por-A-Thane A95T is a T.D.I. terminated prepolymer based on a polyester polyol and Toluene Diisocyanate. It can be easily processed with Methylene Bis Orthochloroaniline (MBOCA).

Appearance	Semi Solid/Super Cooled Liquid
NCO Content	5.0 - 5.3%
Viscosity at 212° F	700 ± 150 CPS
Specific Gravity	1.16 ± .005

PROPERTIES OF CURED ELASTOMER

Curative	MBOCA
Stoichiometry	95%
Durometer Hardness, Shore A	95
Modulus, PSI	
100%	1275
300%	2550
Ultimate Tensile, PSI	7500
Elongation, %	450%
Tear Die C, PLI	620
Resilience, Bashore, %	38%
Compression Set, Method B	26%

PROCESSING

Curative	MBOCA
Stoichiometry	95%
Processing Temperature	185°F
Pot Life	3 Minutes
Demold Time	20 Minutes
Post Cure Time/ Temperature	8 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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