



Por-A-ThaneTM

G-92T

APPLICATIONS

Por-A-Thane is a medium performance polyurethane prepolymer for molding components in the 92-93 Shore A range.

Por-A-Thane G92T is a TDI (Toluene Diisocyanate) terminated polyurethane prepolymer based on polypropyleneglycol (PPG). It can be processed with Methylene Bis Orthochloroaniline (MBOCA).

CHARACTERISTICS

Appearance	Light amber
NCO Content	5.50
Viscosity at 122° F (50°C)	1300cps
Specific Gravity	1.15

PROPERTIES OF CURED ELASTOMER

Curative	MBOCA
Stoichiometry	90%
Durometer Hardness, Shore A	92
Ultimate Tensile, PSI	3500
Elongation, %	500
Tear Die C, PLI	497
Resilience, Bashore, %	28
Split Tear	84

PROCESSING

Curative	MBOCA
Stoichiometry	90%
Processing Temperature	100° C
Pot Life	4 Min.
Demold Time	1 Hr. @ 100° C
Post Cure Time	8 Hrs.
Temperature	100° C

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 to obtain material specifications.

Page 1 of 2



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.

Page 2 of 2

The conditions for your use and application of our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance and information to determine to your own satisfaction whether they are suitable for your intended uses and applications. This application-specific analysis at least must include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. PUMA Polymers has not necessarily done such testing. All information is given without warranty or guarantee. It is expressly understood and agreed that customer assumes and hereby expressly releases PUMA Polymers from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance and information. Any statement or recommendation not contained herein is unauthorized and shall not bind PUMA Polymers. Nothing herein shall be construed as a recommendation to use any product in conflict with patents covering any material or its use. No license is implied or in fact granted under the claims of any patent Por-A-Thane G92T[®] PUMA POLYMERS.

V2-060809