



Por-A-ThaneTM

E-70DTX

Preliminary Data Sheet

Por-A-Thane E-70DTX is a TDI\HMDI\PTMEG prepolymer used in the manufacture of high-hardness cast polyurethane elastomers.

PREPOLYMER CHARACTERISTICS

Appearance	Light Yellow Viscous Liquid
NCO Content	8.95-9.25
Viscosity at 70° C	900cps
Shelf Life, Months	6
Storage Conditions	<35°C (95°F)

PROPERTIES OF CURED ELASTOMER

Curative	MBOCA
Durometer Hardness, Shore D	72
Tensile, psi	9000
Elongation, %	250

PROCESSING

Curative	MBOCA
Processing Temperature/MBOCA	150°F(66°C)
Pot Life	2 min 30 seconds
Post Cure Time/ Temperature	16 Hours 194°-230°F (90°-115°C)

Note: The above information was generated using laboratory prepared specimens and is not intended for specification purposes. Please contact PUMA Polymers to obtain specification information.

ATTENTION:

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

Use only in WELL VENTILATED areas. Avoid 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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