

Elastocast®

Hotcast Polyurethane Elastomers

MDI Polyester Prepolymers

Benefits:

- Chemical Resistance
- Abrasion Resistance
- Tear Resistance

Applications:

- Die Cut Blankets
- Caster Wheels
- Sheet Goods
- High Property Elastomers



ELASTOCAST TT11

Modified MDI pre-polymer for high performance elastomers. Applications include products such as solid polyurethane tires for forklift trucks, caster wheels, and rollers. Standard NCO range is 6.5% to 6.75%. Higher NCO's are also available.

ELASTOCAST TT22

Polyester pre-polymer for high performance elastomers. Applications include products such as solid polyurethane tires for forklift trucks, wheels, sheet goods, die-cut blankets and gaskets.

ELASTOCAST TT25

Polyester pre-polymer formulated for low temperature applications like snow plow blade runners and salt spinners.

ELASTOCAST TT32

Prepolymer for high property elastomers, coatings and adhesive, NCO range of 6.5 to 7.9%. Higher NCOs are also available.

MDI Polyether Prepolymers

Benefits:

- High Rebound Products

Applications:

- High Resilience Formulations
- Solid Elastomers
- Adhesives
- Microcellular Integral Skin



ELASTOCAST TIE

Modified MDI terminated polyether prepolymer system for use in high resilience applications. Shore hardness available from 75A - 95A with standard NCO range of 4.9 to 8.6%.

ELASTOCAST TIP

Modified MDI terminated polyether prepolymer used in elastomers, microcellular, integral skin, and semi-flexible polyurethane applications.

ELASTOCAST TIPM

Modified MDI terminated polypropylene glycol (PPG) based polyether prepolymer for use in a variety of polyurethane product applications including one or two component binder systems and two component sealants and cast elastomers. NCO range 8 to 11%.

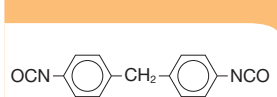
Quazi-Prepolymers

Benefits:

- High NCOs High Reactivity

Applications:

- ISO Side of Variable Durometer Systems
- Variable Hardness Systems



ELASTOCAST TQZ

Modified PMDI for use in polyurethane systems. Typical applications may include elastomers, semi-rigid polyurethane foams, flexible foams, coatings and adhesives. This versatile prepolymer may be paired with a variety of extenders as well as additives and colorants to achieve the final product result.

ELASTOCAST TQZ-E

Modified MDI terminated polytetramethylene ether glycol (PTMEG) based polyether prepolymer for use in elastomers as well as microcellular integral skin and semi flexible polyurethane foam applications. This versatile prepolymer may be paired with a variety of extenders as well as additives and colorants to achieve the final product result. NCO's range from 12 to 23%.

ELASTOCAST TQZ-P

Modified MDI terminated propylene glycol (PPG) based prepolymer used in formulations for cast elastomers, spray elastomers, binders, sealants, and two-component adhesives and coatings. This prepolymer may be paired with a variety of extenders as well as additives and colorants to customize the urethane system for the final product application. NCO's in the range of 15 - 27%.

TDI Polyester Prepolymers

Benefits:

- Abrasion Resistance
- Chemical Resistance

Applications:

- Printing Rolls
- Industrial Rollers
- Forklift Tires
- Pallet Wheels
- High Property Elastomers
- Adhesives
- Coatings



ELASTOCAST TC S

TDI terminated polyester for high property elastomers, elastomeric coatings and adhesives applications. 70A - 90A Shore hardness.

ELASTOCAST TD S

TDI terminated polyester prepolymer for use in high property, low hardness elastomer applications. Very good abrasion resistance and low compression set are trademarks of this prepolymer series. 70A - 90A Shore hardness.

TDI Polyether Prepolymers

Benefits:

- Membranes
- Sealants

Applications:

- Forklift Tires
- Pallet Wheels
- High Property Elastomers
- Adhesives
- Coatings



ELASTOCAST TC E

TDI terminated PTMEG prepolymer for use in high property elastomers, elastomeric coatings and adhesives applications. Products are available in Shore A 90 and 95, as well as 60D.

ELASTOCAST TD E

TDI terminated PTMEG prepolymer for use in high property elastomers, elastomeric coatings and adhesives applications with a need for good tear strength, good abrasion resistance and excellent flex life. Products are available with 92A to 95A and 70D to 75D Shore hardness.

ELASTOCAST TC P

TDI terminated polypropylene glycol (PPG) based polyether prepolymer specifically formulated for use in high quality coatings applications. Products range from 85A to 95A and are also available in 75D Shore hardness.

ELASTOCAST TLF

Low free TDI modified TDI terminated polytetramethylene ether glycol (PTMEG) based ether prepolymer.

Polycaprolactone Prepolymers

Benefits:

- Coatings
- Adhesives

Applications:

- High Quality Printing Machine Rollers
- High Property Elastomers



ELASTOCAST TIC

MDI Polycaprolactone gives the ultimate blend of polyester and polyether properties.

Aliphatic Prepolymers

Applications:

- Light Stable Parts
- Adhesives
- Cast Elastomers
- Coatings
- Sealants
- Soft Elastomers
- Energy Absorbing Foams
- High Hardness



ELASTOCAST TII

Polyether or polyester based IPDI prepolymers. Products available with NCO's ranging from 3.0 to 13% and viscosities between 400 and 6500 c.p.'s.

ELASTOCAST TWE

Modified HMDI prepolymers. Grades available with NCO's ranging from 17.8 to 27% and viscosities between 400 and 1500 c.p.'s.

ELASTOCAST TWP

Aliphatic light stable 26% NCO isocyanate pre-polymer for clear light stable elastomer systems.

Curatives

Benefits:

- Promotes Hardness with Prepolymer

Applications:

- Variable Durometer Systems

1, 4-Butanediol



ELASTOCAST CURATIVES

Variety of curatives for all applications. Collection of glycols, amines, polyols and other additives for specific applications.

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