

IMPROVED PTMEG POLYURETHANE ELASTOMERS EMPLOYING MONOFUNCTIONAL POLYETHERS

Abstract

5 The addition of minor quantities of a
hydroxyl-functional polyoxyalkylene monol to a PTMEG-
derived isocyanate-terminated prepolymer during pre-
polymer preparation enables the preparation of glycol
extended polyurethane elastomers which exhibit improved
physical properties, particularly elongation, tensile
10 strength, and tear strength, without significantly
affecting elastomer hardness.