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(54) Title: MULTIFUNCTIONAL NONIONIC SILOXANE COPOLYMER FOR MODIFICATION OF SYNTHETIC MATERI-
ALS

(57) Abstract: A multifunctional nonionic or partially nonionic siloxane copolymer for modification of synthetic materials and
methods for modifying synthetic materials with the siloxane copolymer are provided. Synthetic materials modified with the siloxane
copolymer, and fabrics made from the modified synthetic materials, have improved hydrophilicity, thermal regulative properties, and
simultaneously improved softening effects and hand.

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