Registration Code of Publication: 11-25-7-35 Publication is available for discussion in the Internet as a material of "All-Russian Working Chemical Conference "Butlerov's Heritage-2011". http://butlerov.com/bh-2011/ Contributed to editorial board: April 8, 2011.

Creation of hydrophobic coating on glass surface

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*Supervising author; ⁺Corresponding author Keywords: hydrophobic coating, angle of wetting, superficial properties, oxide systems.

Abstract

A principal possibility for creation of artificial coating on glass possessing hydrophobic properties has been demonstrated. Alteration in hydrophobic properties of surface as the height of relief increases has been ascertained. Surface relief was formed by silica nano-particles with average dimensions 15 nm. Further direction of investigations has been defined. Recommendations on practical use have been cited.