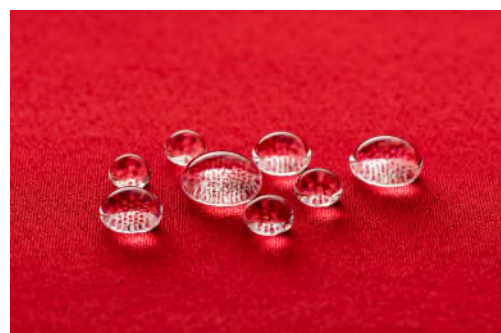
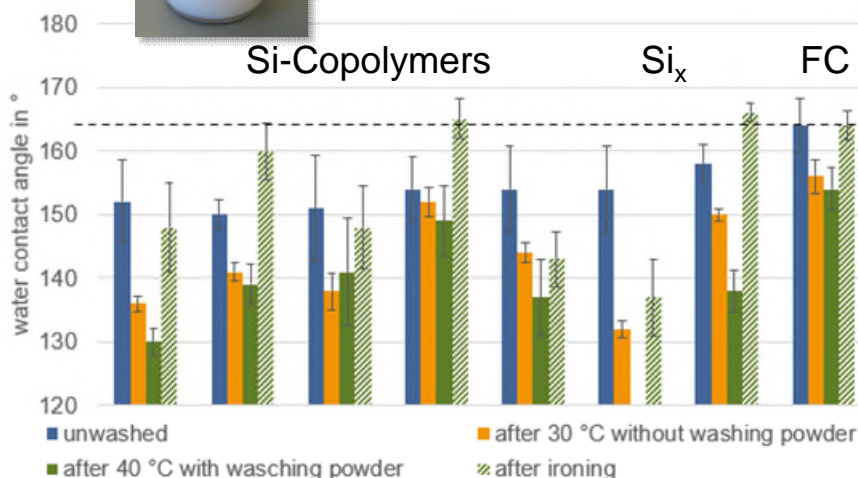
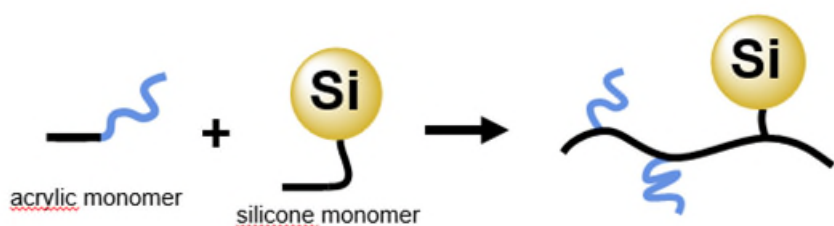


75 years WACKER SILICONES

Siloxane copolymers with low surface energy in durable water-resistant textile finishing

Siloxane-acrylate copolymers with omniphobic surface properties

Fluorocarbons are known as water and oil repellent chemicals for fabric functionalization and dominate the textile finishing market. Within this project promising siloxane copolymer dispersion were synthesized and applied as hydrophobizing agent with state-of-the-art textile finishing equipment, which withstand several washing cycles without loss of performance. Oleophobicity can be adjusted varying the siloxane content leading to comparable results to fluorochemicals.



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