

VOCO Ionofil Molar AC – Abrasion

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VOCO Ionofil Molar AC was examined with the internationally recognized ACTA and LAP methods in abrasion tests at the University of Erlangen-Nuremberg.

Abrasion in the ACTA method^[1]

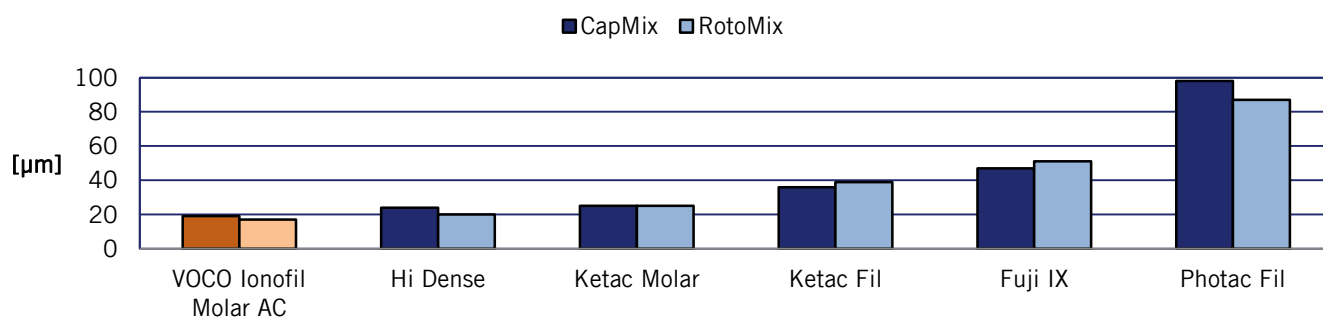


Figure 1: Abrasion in the ACTA method (10,000 cycles)

Abrasion in the LAP method^[2]

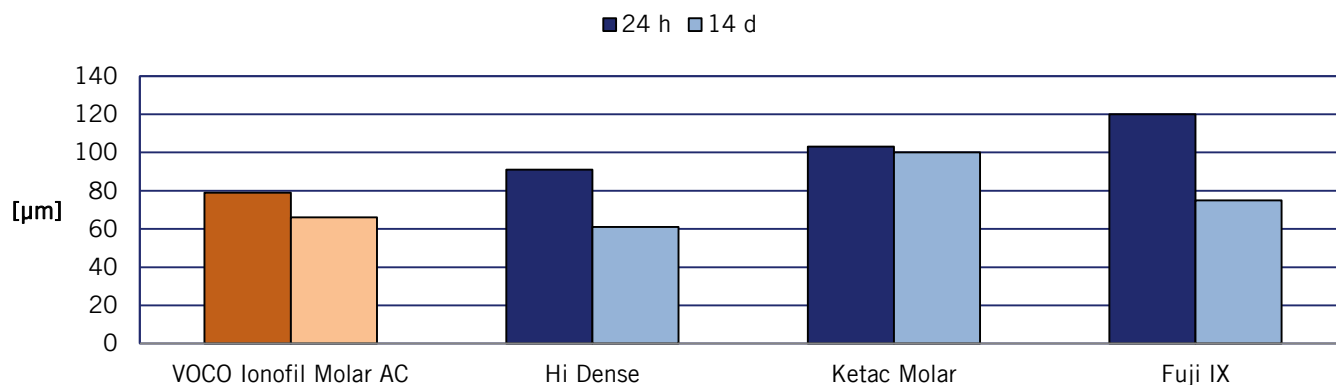


Figure 2: Abrasion in the LAP method (10,000 cycles)

Conclusion: VOCO Ionofil Molar AC is clearly better than other glass ionomer cements in abrasion stability to some extent. VOCO Ionofil Molar AC is by all means an alternative to amalgam, composites and compomers.

[1] U. Lohbauer, M. Pelka, R. Frankenberger, N. Krämer, *J. Dent. Res.* **1999**, *78*(Special Issue), 988.

[2] M. Pelka, J. Sindel, A. Petschelt, *J. Dent. Res.* **1999**, *78*(Special Issue), 2739.