

Abstract**IMPROVING THE PROPERTIES IN PMMA FOAMS BY USING METHACRYLIC AMIDES**

- 5 The present invention relates to novel PMMA foams and the production thereof. Here, polymers which have been obtained by copolymerization of methacrylamides such as N-isopropylmethacrylamide and without styrene are foamed. It has surprisingly been possible to establish that a stable, simple-to-produce PMMA foam which has very good properties, e.g. a very high compressive strength, and can be joined more simply to covering layers, especially in
- 10 comparison with known PMMA foams, can be obtained according to the invention.