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*A Comparison of Hair Thickness and Its Ability to Hold Static Electricity*

The purpose of this experiment was to determine if the thickness of hair affects the static electricity content in the hair. The experiment involved measuring the thickness of hair using a micrometer, then taking a balloon and rubbing it in the test subjects' hair for five seconds to cause an electrical charge. The data collected supported the hypothesis that stated if static electricity is tested on different thicknesses of hair, then it will be found that static electricity has the most effect on thicker hair. These findings imply that the thicker the hair, the amount of static electricity present will not be higher. In conclusion, this study does not support the hypothesis that was if static electricity is tested on the different thicknesses of hair, then it will be found that static electricity has the most effect on thicker hair.