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Modeling Product Cooling for Baked and Snack Crackers

Jenna Hagenloch

Western Michigan University, jlhagenloch@gmail.com

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Name

Jenna Hagenloch

Project Title

Modeling of Product Cooling for Baked and Snack Crackers

Abstract

The cooling of snack crackers, after the baking process is an important step prior to packaging. A model was developed for cooling the crackers. The model allows for the adjustment of multiple operating conditions, such as temperature, depth of the crackers, and the speed of the line. The completed model provides the user with the ability to predict cooling requirements and to validate pre-existing equipment operating conditions. The model will aid in the design of new equipment as well as modifications to improve existing installations to operate within the desired specifications for each process.

Citations

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