

TA No.002 Thermal Analysis and Dynamic Mechanical Analysis product line

DSC Evaluation of Melting Fraction of Chocolate

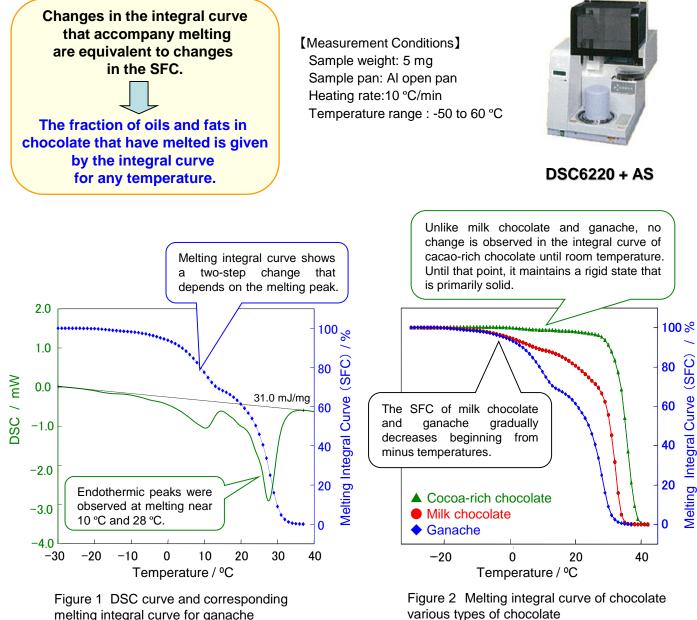
Overview

Fatty foods such as chocolate have a low melting temperature; the percentage of solid fats present in chocolate influences its softening and cracking (i.e., snapping) properties.

One metric of the fat and oil content in food is the SFC (Solid Fat Content), which is generally measured using pulse NMR.

Alternatively, the SFC can be evaluated by obtaining an integral curve from the DSC melting peak.

Measurements and Results



melting integral curve for ganache

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