PALM-BASED OLEOGELS FOR CHOCOLATE



NIU YUETING and YOONG JUN HAO



INTRODUCTION

Using the "Oleogelation" technique to produce chocolate with lower fat blooming and better heat resistance during summer.

TECHNOLOGY

"Oleogelation" which involves imparting structure to form a gellike material without altering the chemical composition of the oil.

ADVANTAGES

- Better heat resistance
- Delay chocolate blooming
- Similar sensory performance as cocoa butter-based chocolate
- Resolve the oil migration issue

PALM-BASED OLEOGELS INGREDIENTS

24 °C palm olein; gelators (monoglycerides, beeswax, candelilla wax, β-sitosterol, lecithin, and EC), cocoa powder, cocoa butter, cocoa mass, skimmed milk powder, sucrose fatty acid esters, and vanillin



For further enquiries, please contact the researchers at portsim@mpob.com.cn