

WHAT ARE PLANT-BASED & SOY WAXES?

Planted-Based Waxes including Soy are defined as renewable and sustainable waxes that are primarily or wholly derived from vegetable oil; which does not contain petroleum, insect, animal, mineral or paraffin products.

There are three categories of Plant-Based Waxes

Commodity Plant-Based Wax

Performance Level When Used Alone:

Very Low

Description:

Semi-solid or solid hydrogenated vegetable oil also known as shortening, primarily used in food.

Candle Application(s):

Typically blended with paraffin up to 45% shortening by mass. More than 45% tends to result in a poor-quality candle.

Typical Non-Candle Application(s):

Vegetable shortening for food (i.e. biscuits, doughnuts, bread, dips)

Packaging Forms:

Pastille, Flake, Cube, and Liquid Bulk (tankers and rail cars)

Partially Engineered Plant-Based Wax

Performance Level When Used Alone:

Low to Moderate

Description:

Semi-solid or solid hydrogenated vegetable oil with added emulsifiers also known as shortening, primarily used in food.

Candle Application(s):

Typically blended with paraffin, up to 60% shortening by mass. More than 60% tends to result in a poor-quality candle.

Typical Non-Candle Application(s):

Vegetable shortening for food (i.e. biscuits, doughnuts, bread, dips)

Packaging Forms:

Pastille, Flake, Cube, and Liquid Bulk (tankers and rail cars)

Fully Engineered Plant-Based Wax

Performance Level When Used Alone:

Excellent

Description:

Engineered vegetable oil specifically designed for candle applications to control polymorphism. (i.e. frosting, bloom, lumpiness, etc.)

Candle Application(s):

Typically used at 100% to make high quality natural candles. Capable of being blended at any concentration with paraffin and other waxes if desired.

Typical Non-Candle Application(s):

Personal care products and various industrial products

Packaging Forms:

Pastille, Flake, Cube, and Liquid Bulk (tankers and rail cars)