

Sucrose DC



Sucrose Directly Compressible (DC) has been specifically formulated and granulated in such a way that it will form high quality sublingual tablets, chewable tablets and pills, gums, and/or candy without the need for extra flowing agents and binders.

A confectionery industry standard, normal sucrose cannot be used for tableting; however, LFA's Sucrose DC was developed to help our customers who are looking to create products similar to SweeTARTS, breath mints, PEZ, or Tic Tacs. Simply add flavoring, active ingredient, and coloring, and the Sucrose DC will act as the binder and flowing agent. Sucrose DC is also hydrophobic, meaning that once tableted, it is less likely to take on water, which can help protect active ingredients in the products.

Due to its glycemic index of 65, Sucrose DC is good for products aimed at sports enthusiasts looking for a boost of energy and is excellent at masking bitter tastes of botanicals, vitamins, and minerals. It also has no aftertaste, leaving the mouth feeling cool and refreshed especially when paired with a mint flavor.

Main Benefits of Sucrose DC Powder

- **Perfect for Confectionery Products** - Sucrose DC is perfect for making chewable tablets, mints, and gum; our customers report that it has excellent chewing properties.
- **Versatile** - This excipient functions as both a binder and flowing agent.
- **Palatable** - Sucrose DC hides bitter or unpleasant tastes and has no aftertaste.
- **Saves Time and Money** - LFA's Sucrose DC flows extremely well through tablet presses, allowing you to run production at higher speeds which saves time and money.

Specifications

Calories per gram	4
Sweetness index	1
Glycemic index	65
Description	Free-flowing white powder
Mean particle size	250 micron
Bulk density	0.56 g/ml
Tapped bulk density	0.69 g/ml
Moisture	0.4%
Carr index	18.8
Hausner ratio	1.23