

Fructose DC



Fructose Directly Compressible (DC) is specifically designed to assist in making high quality chewable mints, gums, sublingual tablets, and confectionery products similar to SweeTARTS, breath mints, PEZ, or Tic Tacs.

Also known as fruit sugar, fructose is a monosaccharide that can be found in many plants. Fructose DC is one of the sweeter sugars that LFA offers and is ideal for customers who are looking to mask bitter or unpleasant tastes. Another advantage of this excipient is that it flows extremely well, which allows the tablet press to run at higher speeds, saving time and money.

Simply add flavoring, active ingredient, and coloring, and the Fructose DC will act as the binder and flowing agent. Depending on the active ingredient, an anti-caking agent might need to be added to the mix. If you have formulation questions, please do reach out to our team.

Main Benefits of Fructose DC Powder

- **Perfect for Confectionery Products** - Fructose DC is perfect for making chewable tablets, mints, and gum.
- **Versatile** - This excipient functions as both a binder and flowing agent.
- **Palatable** - Fruit sugar is a very sweet powder and is able to hide unpleasant or bitter tastes.
- **Dissolves Smoothly and Consistently** - Fructose DC provides longer consumption times and more enjoyment from the product.

Specifications

| | |
|---------------------|---------------------------|
| Calories per gram | 4 |
| Sweetness index | 1.7 (sucrose is 1) |
| Glycemic index | 23 |
| Description | Free-flowing white powder |
| Mean particle size | 340 micron |
| Bulk density | 0.56 g/ml |
| Tapped bulk density | 0.65 g/ml |
| Moisture | 0.80% |
| Carr index | 17.6 |
| Hausner ratio | 1.27 |