

# Sorbitol DC



Sorbitol Directly Compressible (DC) is specifically designed to assist in making high quality chewable mints, gums, and sublingual tablets. Due to its low sweetness profile and great binding and flowing properties, it is also often used as a filler in regular dietary supplements and pharmaceutical tablets.

This product was specifically designed to help our customers that are looking to create confectionery products similar to SweeTARTS, breath mints, PEZ, or Tic Tacs. While the sweetness profile is very short and low, Sorbitol DC has a cooling effect that our current customers use to enhance the taste of mints in particular. Sorbitol DC also has a low glycemic index of 4, making it good for diabetic diets and products that are sold to health-conscious markets.

Simply add flavoring, active ingredient, and coloring, and the Sorbitol 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 Sorbitol DC Powder

- **Perfect for Confectionery Products** - Sorbitol DC is perfect for making chewable tablets, mints, and gum.
- **Versatile** - This excipient functions as both a binder and flowing agent.
- **Ideal for Diabetic and Health-Conscious Markets** - With its fewer calories, low glycemic index, and being a sugar alcohol with half of the net carbs traditionally associated with sugar, Sorbitol DC is an excellent alternative sweetener.
- **Dissolves Smoothly and Consistently** - Sorbitol DC dissolves in the mouth in a smooth and consistent manner, giving the customer what is typically recognized as a smooth mouth feel to the product.

## Specifications

Calories per gram	2.6
Sweetness index	0.55 (sucrose is 1)
Glycemic index	4
Description	Free-flowing white powder
Mean particle size	260 micron
Bulk density	0.47 g/ml
Tapped bulk density	0.57 g/ml
Moisture	0.4%
Carr index	17.5
Hausner ratio	1.21