

GemStar 4000 Series

MODIFIED WHEAT STARCH

Description (Oxidized)

Oxidation of the starch granule with sodium hypochlorite is another method of lowering viscosity characteristic of the starch paste. This process has the added effect of reducing the tendency of the starch molecule to associate. They are recommended for use systems that require high solids dispersions and resistance to viscosity increases or gelling.

GemStar 4000 benefits include:

- Low viscosity
- Soft gel formation
- Resistant to retrogradation
- Improves adhesion of food coatings or batters
- GMO free carbohydrate

Typical Physical Properties

Color:	white
Granulation:	powder
Moisture:	10-12%
pH:	5.0-6.0
Viscosity:	low viscosity (modified to meet customer needs)

Packaging and Storage

GemStar 4000 Series starches are packed in multi-ply kraft bags with a net weight of 50 lbs. They are also available in metric sizes, bulk bags, and bulk rail or truck containers. The product should be stored in a cool, dry, and sanitary area to maintain quality and achieve maximum stability.

Label Declaration

Wheat Starch Modified



MANILDRA
Group USA