

PRODUCT DATA SHEET

ESTOSOFT PGE

Chemical Name

POLYGLYCROL ESTERS OF FATTY ACID.

Cas Number

67784-82-1

EEC NO

E475

Origin

VEGETABLE(PALM)

Specifications

Appearance	Creamish Powder.
Odour	Mild Fatty.
Iodine Value cc/100gm	3.0 Max
Acid Value mgKOH/gm	5.0 Max
Saponification Value mgKOH/gm	135-175
Hydroxyl Value mgKOH/gm	190-230
Free Glycerin %	2 Max
Moisture %	2 Max.
Melting Point deg cel	53-60 deg
HLB VALUE	7.2

Packing

25kg Carton Case with inner PE bag.

Storage

Store in cool and dry place away from sunlight at ambient temperature. The material should be retested after storage for one year.

Application

ESTOSOFT PGE kind of hydrophilic emulsifier, and it can produce strong emulsification effect for oils and fats.

1. It can be used in margarine, butter, shortening oil and oyster sauce as emulsifier and crystal modifying additive to prevent oil-water separation and prolong the preservation period.

2 It can be used in food baking to make oils and fats dispersed more homogeneously in dough to get higher aeration and produce larger volume of product, fine and supple feeling in mouth. In Cakes it improves batter performance, crumb structure and cake volume.

3. For Non-Dairy Icings and toppings it acts excellent aerating agent improves and stabilizes foam resulting soft and creamy textures, increased volume and shelflife.

4. In Plastics it is used as an antifog and antistatic agent.

Disclaimer

The own contained in this publication is based on own research and development work and is to the best of our knowledge reliable. Users should, however, conduct their own tests to determine the suitability of our products for their intended use of the product. Statements contained herein should not be considered as warranty of any kind, expressed Implied, and no liability is infringement of any content in this publication

ESTELLE CHEMICALS PVT. LTD.

G-20/5, MIDC,
Ahmednagar-414 111,
Maharashtra, India.

Tel : +91-241-277 9199
Tel : +91-241-277 9383
Fax : +91-241-277 9383

Email : info@estellechemicals.com
Email : sales@estellechemicals.com
Website : www.estellechemicals.com