

# TECHNICAL DATA SHEET

## TE-352 FG

**TE-352 FG is a 40% active food grade emulsion of 350 cSt PDMS fluid. This product was specially formulated for food packaging applications**

### Description

This product is a food grade emulsion of a polydimethylsiloxane fluid.

### Key Features

- Alkylphenol and formaldehyde free. Solvent free and chemical inert.
- Excellent wetting/spreading. Improved deposition on surfaces. Good lubricity at low concentrations. High dilution stability. Excellent freeze thaw stability.
- Emulsifier type: Nonionic and anionic

### Key Applications

- De-nesting of plastics used in the thermoforming process
- Suitable for amorphous polyester (APET), polyvinylchloride (PVC), and polypropylene (PP)

### Application

Designed specifically for de-nesting of plastics used in the thermoforming process. Suitable for amorphous polyester (APET), polyvinylchloride (PVC), and polypropylene (PP).

### Use and Cure Information

This product can be diluted in water or an aqueous media before use. If unsure where to start the dilution, it is recommended to dilute one-part product to 30 parts water/aqueous media. This dilution is then applied to the food contact surface by spraying, wiping, brushing, or dipping.

### Health & Safety

This product is not intended for pharmaceutical use. It is the responsibility of the user to ensure acceptable compatibility with intended food contact surfaces.

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### Property

#### Product

% Silicone

Appearance

FDA Tested

pH

#### Solubility

Solubility - Water

#### Storage

Max Storage Temperature

Packaging

Shelf Life

### Test Method

### Value

40 %

**blue/white creamy liquid**

CFR (21)  
177.2600

**yes: 175.300, 176.170,  
177.2600, 178.3400 and  
181.28**

4

**yes. with light mixing until  
solution is homogenous**

40°C °C / 104 °F

**This product is available for  
sale as 40 lb. pails and 441  
lb. drums. and 2205 lb. totes**

12 mths

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