

Technical Data Sheet

Allcosil 200/350 FG



Introduction:

Allcosil 200/350 FG is a Food Grade 350 centistoke polydimethylsiloxane silicone oil.

Uses:

- Antifoaming agents in lipophilic systems for the processing of vegetable oil (such as deep-frying oil), meat and poultry (such as fat rendering)
- Direct food additives in jams, soups, drinks, etc
- Surface treatment, anti-rust film, release or lubrication agents in the manufacture of food-packaging materials and adhesives, in bottling and canning facilities where incidental contact with food may occur.
- Base materials in the production of food-grade antifoam compounds or emulsions
- Processing additives in other applications where a food-grade product is required

Typical Characteristics:

Product Description			
	Appearance	Clear liquid	
	Odour	Characteristic	
Composition			
	Substance	% by Weight	
	Polydimethylsiloxane	100	
Properties			
	Property	Unit	Value
	Viscosity	cSt	350
	Flashpoint	°C COC	>300
	Freezing Point	°C	-50
	Specific gravity @ 25°C		0.970
	Surface tension	mN/m	21.1
	Refractive index		1.403
	Volatile Content	% m/m	>1.0

Features and Benefits:

- Prevents the adhesion of food or grease, protects against corrosion on food equipment.
- Safe on plastics and rubbers to come into contact with food stuffs (listed in the European Union Directive 90/128/EC)
- Can be used as a defoaming agent in non-aqueous media (at very low concentration) coming into contact with food stuffs (conforms to FDA 21 CFR 173.340)
- Prevents build-ups of sugars and food, allowing for fast and easy clean-up
- Little change in physical properties over a wide temperature range.
- Listed in the European Union Directive 95/2/EC and amendments under E 900 polydimethylsiloxane
- Certified as Kosher Parve, including Passover.

Shelf Life:

Allcosil 200/350 has an unlimited useful life when stored at ambient temperatures. The product does not freeze and there are no restrictions on storage.

Packaging: 200-kilo, 25-kilo and 5-kilo, non-returnable plastic drums.

Health & Safety:

Detailed advice on the Health & Safety aspects of this product is given in the individual product Safety Data Sheet (SDS), available upon request.