

# PSE-100(CAF)

PSE-100(CAF) is designed to modify the surface properties of PP film. This product prevents blocking during the extrusion of thin PP film, it may also reduce the co-efficient of friction (COF.) In comparison with traditional synthetic silica the COF & Haze of the films is considerably lower. Therefore, additional migrating slip agents are not required and the wetting tension after corona treatment remains at a high level during storage. PSE-100 (CAF) is particularly suitable for Metallizable CPP & BOPP films. PSE-100(CAF) is antiblocking masterbatch of Calcium Stearate free content. In order to obtain an optimal adhesion of the metal layer the use of polymers without Calcium Stearate is recommended.

## Performance Features

- FDA approved antiblocking and slip agent (21CFR 175.300 & 175.320)
- Reduce both the block tendency specialty for metallizable CPP & BOPP films
- Better Optical & Slip properties for films in comparison with synthetic silica
- Suitable for high processing temperatures: up to 300°C

## Application

Addition levels	Fabrication process
2%~6%	CPP coextrusion multilayer and monolayer film
2%~5%	BOPP film

## Typical Properties

- Appearance @ 25°C: white pellet
- Carrier resin: Random Polypropylene
- Active content: 5% antiblocking agent