



General purpose  
deodorant

# PANCIL® FPW-1M

## Origin

PANCIL® FPW-1M is a deodorant that is prepared by combining the persimmon extract obtained from the fruit of Diospyros kaki Thunberg (Ebenaceae) with silicates and fumarates.

## Characteristics

It has a strong deodorant effect on various offensive odors caused by nitrogen compounds, volatile sulfur compounds, short-chain fatty acids, etc. It can be kneaded into resin by using PE Master Batch (containing PANCIL® FPW-1M at a concentration of 30%).

## Description

- 1 Appearance ----- White powder
- 2 Particle size ----- 0.4µm(50%)/aser
- 3 Odor----- Odorless
- 4 pH ----- 6.5 ~ 7.5 (5% suspension)
- 5 Solubility ----- Freely soluble in water

## Deodorant performance

1 g of PANCIL® FPW-1M [deodorant effect after 60 minutes]

Malodorous substance (ppm)	Deodorant rate (%)	Malodorous substance (ppm)	Deodorant rate (%)
Ammonia (150)	99.7<	Acetic acid (50)	87.5
Trimethylamine (20)	98.5<	Isovaleric acid (50)	91.7
Hydrogen sulfide (20)	99.0<	Formaldehyde (30)	81.1
Methyl mercaptan (5)	80.0<	2-Methylisoborneol (10)	93.0

