



Transfar Zhilian Co.,Ltd

Technical Data Sheet

Product Name: Stearamidopropyl dimethylamine PKO-S

INCI Name: Stearamidopropyl dimethylamine

CAS Number: 7651-02-7

Molecular Formula: RCONH(CH₂)₃N(CH₃)₂

Description: PKO-S can be used in hair care products to improve dry-comb and wet-comb performances. It also has low-irritation, anti-static effect, effective compatibility with other quaternary ammonium surfactants.

Specification:

Item	Specification	Test Method
Appearance (25°C)	White to light yellow flake solid	Visualization
Color, Hazen	≤80	Q/TFZL J068-2020
Melting point, °C	50-70	Q/TFZL J068-2020
Acid value, mgKOH/g	≤4.0	Q/TFZL J068-2020
Amine value, mgKOH/g	155-166	Q/TFZL J068-2020

Application:

Suitable for hair products use like shampoo, conditioning agents and emulsifiers use.

Recommended Dosage: 2~10%