

TC-VA 64

INCI NAME

PVP/VA Copolymer

Description

TC-VA 64 is a copolymer of 1-vinyl-2-pyrrolidone & vinyl acetate in ratio of 60:40 in the form of powder, Acts as a film-forming agent and fixative in hair care products, particularly in aerosol sprays, pump sprays, liquid products, mousses and gels. It is compatible with carbomer, and is particularly suitable for alcohol-free formulations, forming a clear solution in water. It is widely used for clear hair gel with strong styling effect.

Specification

Parameter	Value
Appearance	White or yellowish powder
K-Value (1% solids w/v Soln.)	25~50
Moisture (%)	5.0max.
pH (5% aq. soln.)	3.0-7.0
Residue on ignition (%)	0.1max
Residual Vinyl Pyrrolidone (%)	0.1max.
Residual Vinyl Acetate (%)	0.2 max
Nitrogen (solids basis) (%)	7.0-8.0

These values indicate typical specification, they are not intended to be used as product specifications.

Properties

Easy to dissolve in water, which is easy to use in formulation;

The film is hard, glossy, and water-removable;

Excellent moisture stability;

Good compatibility with many modifiers, plasticizers, spray propellants and other cosmetic ingredients.

Applications

Film forming agents and fixatives in Hair care

products

---hair styling sprays and pumps;

---hair gels;

---styling lotions and mousses.

Film forming agents in skin care products

---facial masks

Formula Guidelines

To be determined by specific formula

Storage & Handling

Standard Packing: 20kg/drum

Storage: Stored in dry place at room temperature

Shelf life: 24 months

GUANGZHOU TINCI MATERIALS TECHNOLOGY CO., LTD.

8th Kangda Road, Yunpu Industrial Zone,
Huangpu District, Guangzhou, China

TEL: 86-20-82251159 FAX: 86-20-82250169

WEBSITE: www.tinci.com

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