

### TCN-0350

#### INCI Name

AMODIMETHICONE

#### Description

TCN-0350 is a modified dimethicone with amino group. It can form smooth and firm film on hair to condition damaged hair, leading to excellent conditioning and depositing ability. Meanwhile, it imparts moist, smooth, soft and elegant feel to hair, and is especially outstanding in improving hair's combability and softness. It's widely used in shampoo and hair conditioner, especially in shampoo or conditioner for dyed hair and perm. It can help to fix pigment.

#### Specification

Parameter	Value
Appearance	Colorless clear liquid
Viscosity (25 °C, mPa·s)	300000-800000
Volatile (%)	≤3.0

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

#### Properties

- Excellent conditioning and antistatic performance
- Outstanding dye-fixing
- Improve wet&dry combability
- Impart glossy, soft, silky and puffy feeling to hair
- Repair damaged hair

#### Applications

Shampoo  
Hair conditioner, hair treatment mask  
Hair color product  
Hair oil

#### Formula Guidelines

Typically used at a level of 0.5~5.0%  
When used in shampoo formula, pre-emulsify TCN-0350 to proper particle sized emulsion, then add to shampoo formulation at 40°C or below.  
When used in other hair care products, heat oil phase to 70-80°C, then add TCN-0350 into oil phase. Blend oil and water phases and mix by a homogenizer. Avoid long time heating.

#### Storage & Handling

**Standard Packing:** 186kg/drum

**Storage:** Keep in Cool, Dry, Ventilated and Lightless Place.

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