NSC-3001

Features

NSC-3001 is a hard coating liquid. This coating liquid gives smooth and clear surface.

1. Excellent scratch hardness
2. Good transparency
3. Low carl
4. Long shelf life

Typical applications

PET Film

Performance of the coated surface

Scratch hardness / Pencil method/ISO 15184: H
Scratch hardness / Taber (CS-10F 500g Load×100rounds): delta haze less than 6%
Adhesiveness: 100/100
Adhesiveness after keeping in the 80℃-water for 30min
Appearance: no change
Cross-cut test: 100/100
Transmissivity: more than 90%
Haze: less than 1%

Physical data

Non volatile content: 28%
Viscosity: 20mPa.sec
Specific gravity: 0.93
Appearance: Colorless and transparent liquid

Standard process

Coating chamber

Temp: 20±2℃
Humidity: less than 50%RH
NSC-3001 / NSC-CO = 100 / 1.8
Barcoater No.8

Cure

Temp: 15～20℃
130℃, 2minutes

Cooling

room temperature

Thinner

Isopropyl alcohol

Package

18kg UN PE container

Storage Condition

- Tight a seal, store in cool and dark area, warm to room temperature prior to use

Handling suggestions

- Keep fire away.
- Use appropriate local ventilation.
- Eye contact: rinse immediately with plenty of water and consult a physician.
- Ingestion/Inhalation: Get medical attention.
- Skin contact: Wash with plenty of water immediately. In the case of inflammation, consult a physician.