NIPPON FINE CHEMICAL CO.,LTD. 日本精化株式会社



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NSC-3001

≪Features≫

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

(1)Excellent scratch hardness

No significant decrease of anti-scratch property has been obserbed during prolonged use

(2)Good transparency

(3)Low carl

(4)Long shelf life

Stable more than 3 months in a refrigerator

≪Typical applications≫

PET Film

≪Performance of the coated surface≫

Scratch hardness / Pencil method/ISO 15184

Scratch hardness / Taber (CS-10F 500g Load×100rounds)

Adhesiveness

Adhesiveness after keeping in the 80°C-water for 30min

Appearance Cross-cut test Transmissivity

Haze

Note: This data is current data and is not guaranteed to remain accurate in the future.

≪Physical data≫

Non volatile content 28% Viscosity 20mPa.sec Specific gravity 0.93

Appearance Colorress and transparent liquid

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≪Standard process≫

Coating

Coating chamber Temp; 20±2°C

Humidity; less than 50%RH Temp ; 15~20°C

NSC-3001 / NSC-CO = 100 / 1.8

Barcoater No.8

Curing Cooling

room temperature

130°C, 2minutes

≪Thinner≫

Isopropyl alcohol

≪Pakage≫

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.

Note: The information contained in this document is based on reliable experimental facts, but does not guarantee the actual results of the experiment.

delta haze less than 6

100/100

no change 100/100 more than 90% less than 1%