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## NSC-1530

<Features>

NSC-1530 is the silicone based thermo curable hard coating material for polycarbonate.

- (1) Excellent anti-scratch property  
 No significant decrease of anti-scratch property has been observed during prolonged use
- (2) Good finish without orange peel skin, cruck nor chalking
- (3) Achieve ECE-22/05 falling sand abrasion test
- (4) Long shelf life      Stable more than 6monthes stored in cool and dark area

«Typical applications»

PC sunglass, PC helmet visor, PC film, PC molding parts



< NSC-1530 cured film properties >

Hardness

Falling sand abrasion test (ECE-22/05)      Δhaze less than 3.0

Steel wool 1kg×100reciprocation (our method)      Δhaze less than 0.2

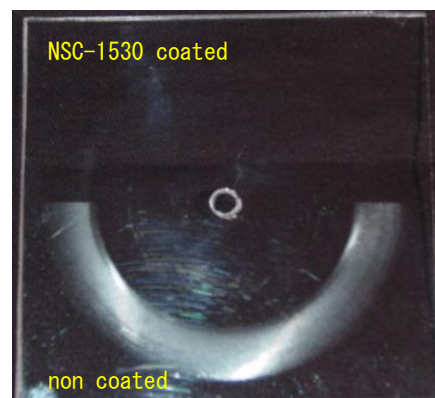
Taber abrasion test (CS-10F - 100revolutions)      Δhaze less than 0.9

Refractive index of cured film      1.44

Adhesiveness(cross cut tape stripping)      100/100

Hot water resistance (80degrees C×30min)  
 Appearance      No change

Adhesiveness(cross cut tape stripping)      100/100



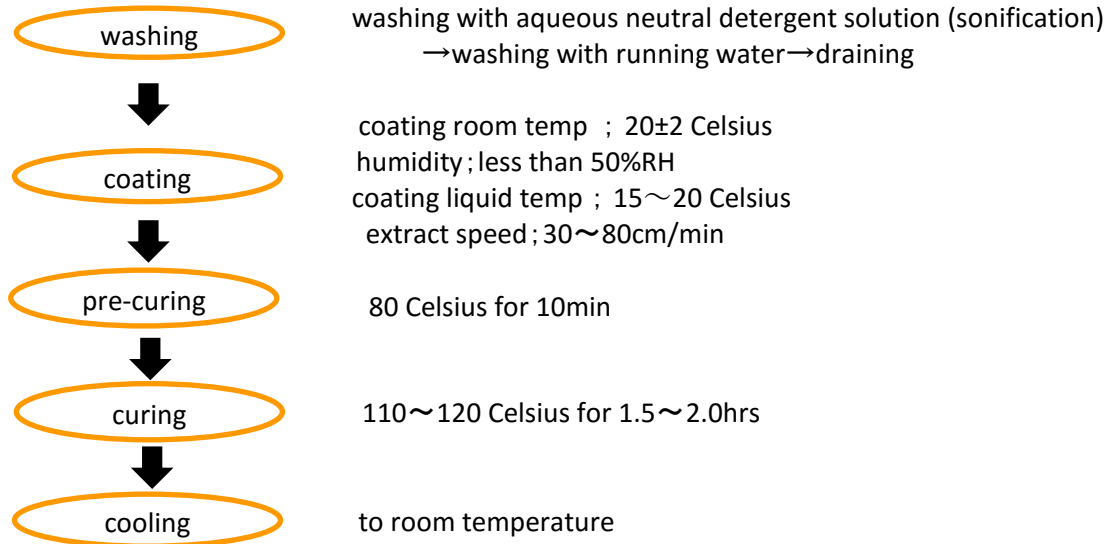
Taber abrasion test result

<NSC-1530 phisical properties>

|                  | standard properties |         | temp. |
|------------------|---------------------|---------|-------|
| % solid          | 28.40               | %       | -     |
| Viscosity        | 9.20                | mPa · s | 20°C  |
| specific gravity | 0.972               | g/cm3   | 20°C  |
| pH               | 5.30                |         | 20°C  |

# NSC-1530 technical data

## «recommended coating procedure»



## «Replenishment solvent»

iso-Propyl alcohol  
over dilution may cause undesirable effects

## «packing»

NSC-1530 18kg UN certified poly-drum

## «packing»

tightly sealed, store in cool and dark area. Before use, warm to room temperature.

## «cautionary statement»

- flammable-keep fire away. need appropriate ventilation
- in the case of eye contact, washing with plenty of running water and ask physician immediately
- in the case of awful feelings caused by inhalation of vapor or accidental ingestion, ask physician immediately
- in the case of skin contact, washing with plenty of running water immediately.
- If you feel itch or inflammation, ask physician.

Contact

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