

# Water-based acrylic adhesive

[www.sinogracechem.com](http://www.sinogracechem.com)





## About us

Quality first, Continuous innovation, Win-win cooperation,  
Green and Environmental Protection

**Sinograce Chemical** is professional technical enterprise providing solutions of surface materials and manufacturing of raw materials. Sinograce Chemical Company is composed of R&D center, Manufacture center, Quality control department, Market center and International trade department. We have been dedicating to research on excellent paint/coating, adhesive for over 15 years. And now still continually developing and supplying high-quality products to manufactures and sellers of paint/coating and adhesive all over the world.





# SINOGRACE Partners / Certificates



# Our Partner





# Water-based Acrylic Adhesive

Develop high-tech products and technical solutions. Become the most professional, high-quality, eco-friendly products manufacturer.

**Water-based acrylic adhesive** are fully reacted acrylic polymers dispersed in water. These products contain no residual free formaldehyde. These polymers are now being widely used for paper, films, aluminum foil, fiberglass adhesive/glue etc., and are finding their way into other high performance niche applications every day.

## Water-based Acrylic Adhesive Advantages



**Excellent adhesive force**



# Water based Acrylic Adhesive

SINOGRACOL

## Product categories

- ❑ Fiberglass adhesive/glue
- ❑ Trademark/label adhesive
- ❑ Tapes adhesive
- ❑ Aluminum foil adhesive
- ❑ Lamination adhesive
- ❑ Wallpaper adhesive
- ❑ Water based primer

All below is for your reference, we have our own R&D Center, professional chemists, devise your own product as your requirements, solve all your problems, technical support and formula will be obliged.



# Part 1 : Fiberglass adhesive/glue

Model	Solid content	Initial adhesive	Holding power	180° peel strength	Features	Application
SA-225	55±1%	>18 (ball number)	>80 hours	>18 (N/25 mm)	<ul style="list-style-type: none"> <li>❑ APEO free</li> <li>❑ Fast drying speed</li> <li>❑ Excellent bonding strength</li> <li>❑ High cohesive strength, excellent 180° peel strength</li> <li>❑ Increase the stiffness of grid cloth and rebound resilience</li> </ul>	<ul style="list-style-type: none"> <li>❑ Fiberglass self-adhesive</li> <li>❑ Fiberglass grid cloth glue</li> <li>❑ Plastic adhesive</li> </ul>



## Part 1 : Fiberglass adhesive/glue

Model	Solid content	Tg	pH	Viscosity (25°C)	Features	Application
SA-2063	45 ± 1%	10 °C	7.5-9.0	600-1500cP	<ul style="list-style-type: none"> <li>❑ APEO free</li> <li>❑ Fast drying speed</li> <li>❑ Excellent setting function</li> <li>❑ Excellent anti stripping performance</li> <li>❑ Excellent bonding strength with fiberglass</li> <li>❑ Increase the toughness of grid cloth and rebound resilience</li> </ul>	<ul style="list-style-type: none"> <li>❑ Fiberglass binder/glue</li> <li>❑ Fiberglass mesh/fiberglass grid cloth production etc.</li> </ul>
SA-2064	35 ± 1%	45 °C	7.5-9.0	300-800cP	<ul style="list-style-type: none"> <li>❑ APEO free</li> <li>❑ Excellent positioning function</li> <li>❑ Excellent anti stripping performance</li> <li>❑ Excellent bonding strength with fiberglass</li> <li>❑ Improve the stiffness and lifetime of fiberglass mesh</li> </ul>	<ul style="list-style-type: none"> <li>❑ Fiberglass adhesive/glue</li> <li>❑ Fiberglass grid cloth/fiberglass mesh production etc.</li> </ul>



## Part 2 : Trademark/label adhesive

## General purpose paper labels adhesive/glue

**QUALITY**    **TRUSTWORTHY**    **PERSISTENCE**    **ECO-FRIENDLY**

SA-232 is an adhesive specially designed for reverse and vario gravure coaters at higher converting speeds, for the production of general purpose paper labels or other pressure sensitive articles.

- NON-YELLOWING
- WIDER APPLICATION RANGE
- VERY GOOD BLEEDING RESISTANCE

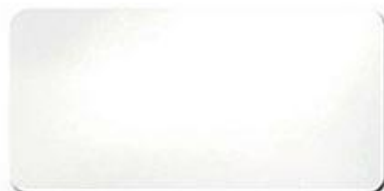


Model	Solid content	pH	Viscosity	Features	Application
SA-232	54 ± 1%	6.5-8.5	200-300 mPa·s	<ul style="list-style-type: none"> <li>Non-yellowing</li> <li>Wider application range</li> <li>Very good bleeding resistance</li> <li>Very good paper-aging resistance</li> <li>Excellent balance of tack and shear</li> <li>Higher productivity through high speed converting</li> </ul>	<ul style="list-style-type: none"> <li>General purpose paper labels</li> <li>Other pressure sensitive articles etc.</li> </ul>

Model	Solid content	pH	Viscosity	Features	Application
SA-232	54 ± 1%	6.5-8.5	200-300 mPa·s	<ul style="list-style-type: none"> <li>❑ Non-yellowing</li> <li>❑ Repositionability</li> <li>❑ Excellent balance of tack and shear</li> <li>❑ Ideal for use in general clear and/or coloured polyolefinic film labels</li> </ul>	<ul style="list-style-type: none"> <li>❑ General purpose polyolefinic film (PP, PVC, PET etc.) labels</li> <li>❑ Other pressure sensitive articles etc.</li> </ul>



Milky white PVC



Pearly membrane



Silver thread protector



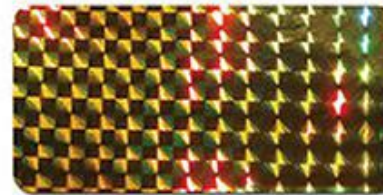
Thread protector king



Transparent PVC



Special tire



Three-dimensional stickers



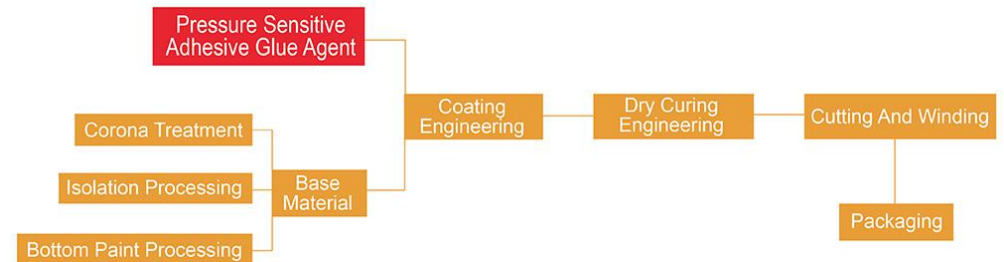
Three-dimensional stickers silver of gold

## Part 3 : Tape adhesive

Model	Solid content	Initial adhesive	Holding power	180° peel strength	Features	Application
SA-227	54±1%	>13 (ball number)	>24 hours	>6 (N/25 mm)	<ul style="list-style-type: none"> <li>❑ Non toxic</li> <li>❑ High solid content and low viscosity</li> <li>❑ Excellent leveling property and wettability</li> <li>❑ Good applicability for BOPP, paper and nonwovens</li> <li>❑ Aging resistant, anti-UV, excellent cohesion strength and lasting adhesive force</li> </ul>	<ul style="list-style-type: none"> <li>❑ BOPP tape</li> <li>❑ Non-woven tape, label, double-sided tape, duct tape etc.</li> </ul>

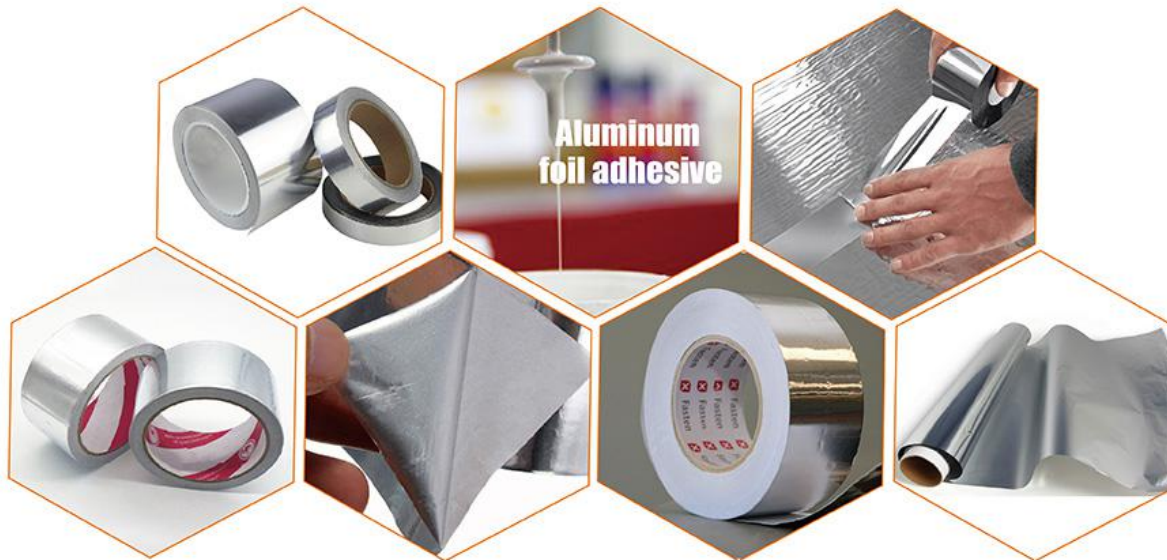


BOPP Tape, Packing Tape, Non-woven Tape, Electrical Tape Etc



## Part 4 : Aluminum foil adhesive

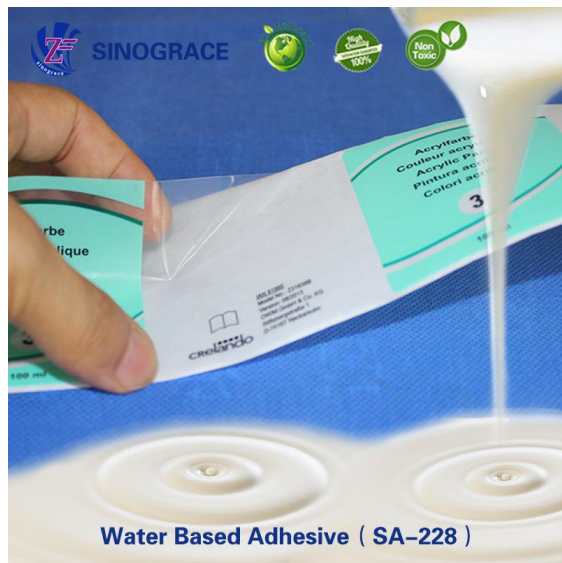
Model	Solid content	Initial adhesive	Holding power	180° peel strength	Features	Application
SA-226	54±1%	>18 (ball number)	>24 hours	>10 (N/25 mm)	<ul style="list-style-type: none"> <li>❑ Non toxic</li> <li>❑ High adhesive force</li> <li>❑ High tack and good holding power</li> <li>❑ Excellent coating performance and easy to use</li> </ul>	<ul style="list-style-type: none"> <li>❑ Aluminum foil tape</li> <li>❑ Aluminum and paper or films lamination etc</li> </ul>



Aluminum foil tape  
 Aluminum and paper lamination adhesive  
 Aluminum and PVC, BOPP, PET lamination adhesive etc.

# Part 5 : Lamination adhesive

Model	Solid content	Initial adhesive	Holding power	180° peel strength	Features	Application
SA-228	54 ± 1%	>14 (ball number)	>24 hours	>8 (N/25 mm)	<ul style="list-style-type: none"> <li>❑ Non-toxic and eco-friendly</li> <li>❑ Self-crosslinking acrylic adhesive</li> <li>❑ Adapt to high machine speed 60m/min</li> <li>❑ Low dosage surface sizing and low cost</li> <li>❑ Good brightness, high peel strength, no bubbles, smooth, good toughness</li> </ul>	<ul style="list-style-type: none"> <li>❑ Lamination of plain films (BOPP, PET, PVC, METPET) to printed paper/duplex board</li> </ul>



Lamination of plain films(BOPP, PET, PVC, METPET) to printed paper/duplex board

# Part 6 : Wallpaper adhesive

Model	Solid content	Initial adhesive	Holding power	180° peel strength	Features	Application
SA-229	54±1%	>11 (ball number)	>24 hours	>6 (N/25 mm)	<ul style="list-style-type: none"> <li>❑ Non toxic</li> <li>❑ Easy to use</li> <li>❑ Excellent adhesive force</li> <li>❑ High tack and peel strength</li> <li>❑ Excellent coating performance and suitable for transfer coating</li> </ul>	<ul style="list-style-type: none"> <li>❑ Wallpaper glue</li> <li>❑ Wood self-glue foil</li> <li>❑ Marble self-glue foil</li> <li>❑ Book cover cases</li> </ul>



## APPLICATION

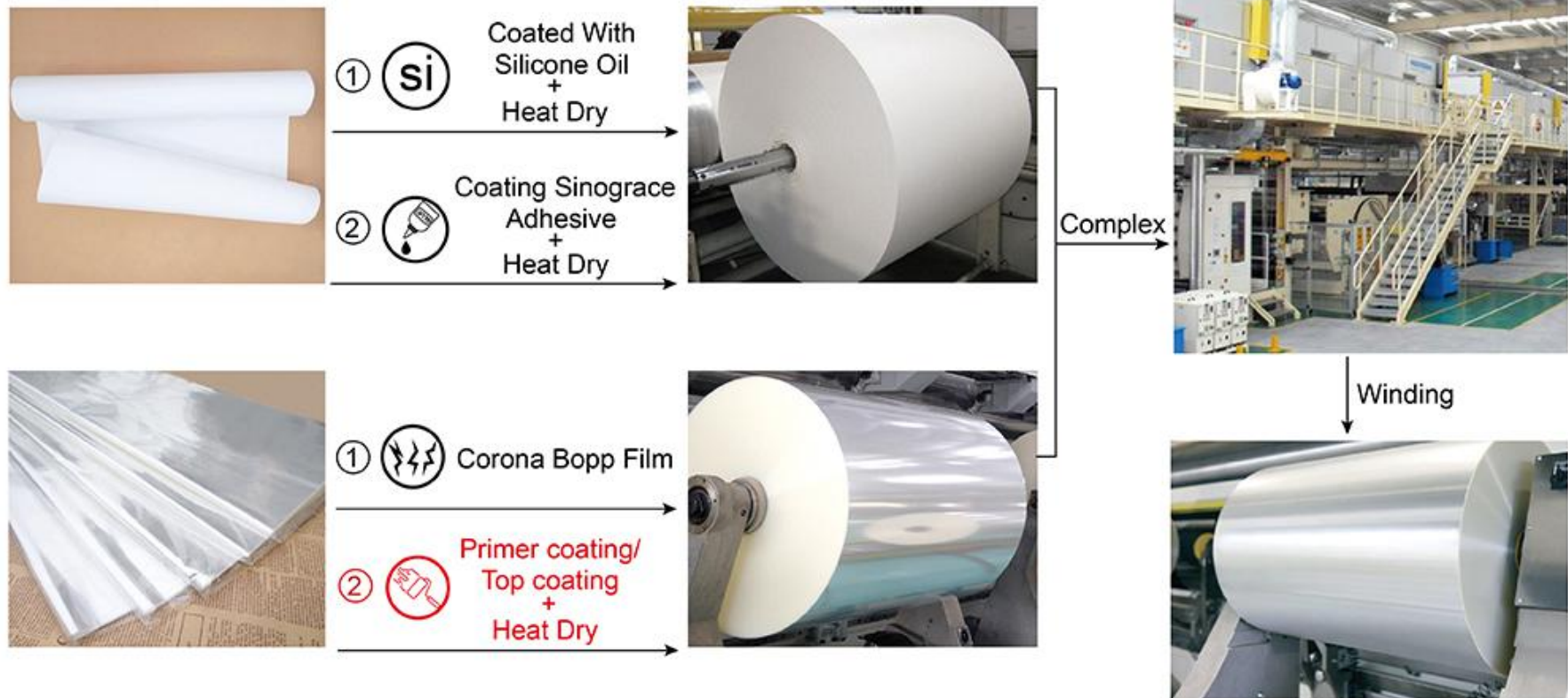
Wallpaper Glue  
Wood Self Glue Foil  
Marble Self Glue Foil  
Book Cover Cases



## Part 7 : Water based primer

### Water based primer:

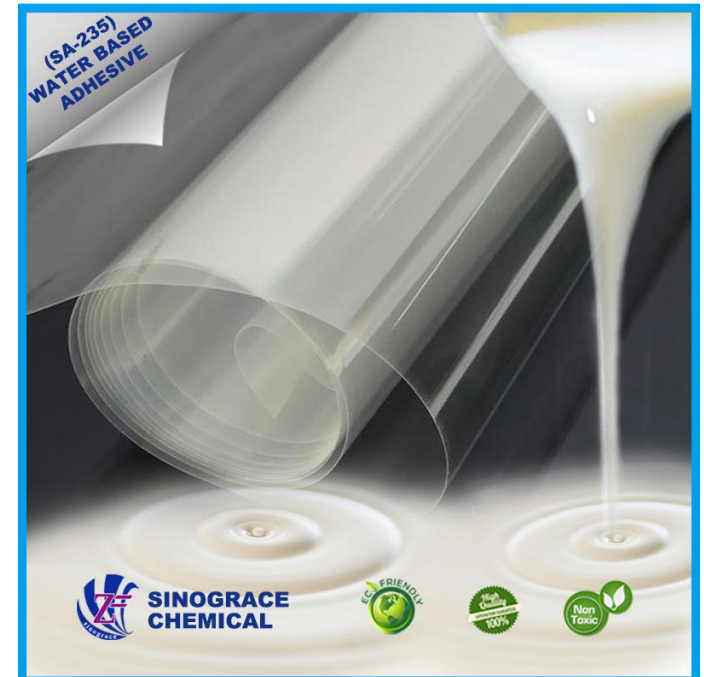
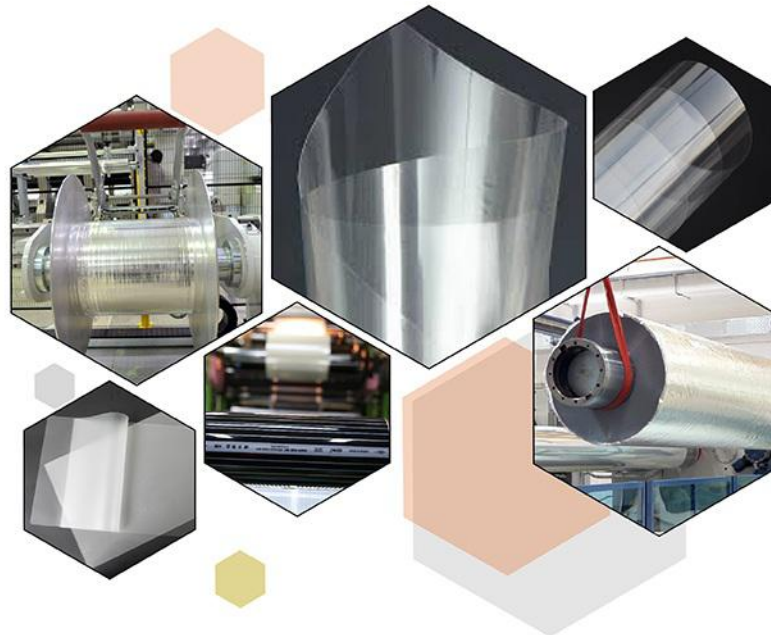
### Improving the adhesive force between glue/adhesive and films (PET, PE, BOPP etc.)



Model	Solid content	Tg	Features	Application
SA-235	30±1%	30 °C	<ul style="list-style-type: none"> <li>❑ Nontoxic</li> <li>❑ Fast drying</li> <li>❑ Good leveling property</li> <li>❑ Excellent adhesive with untreated PET film</li> <li>❑ Improve the adhesive force between glue with PET</li> </ul>	<ul style="list-style-type: none"> <li>❑ Untreated PET film, ABS film etc.</li> </ul>

### APPLICATION

Untreated PET film, ABS film etc.





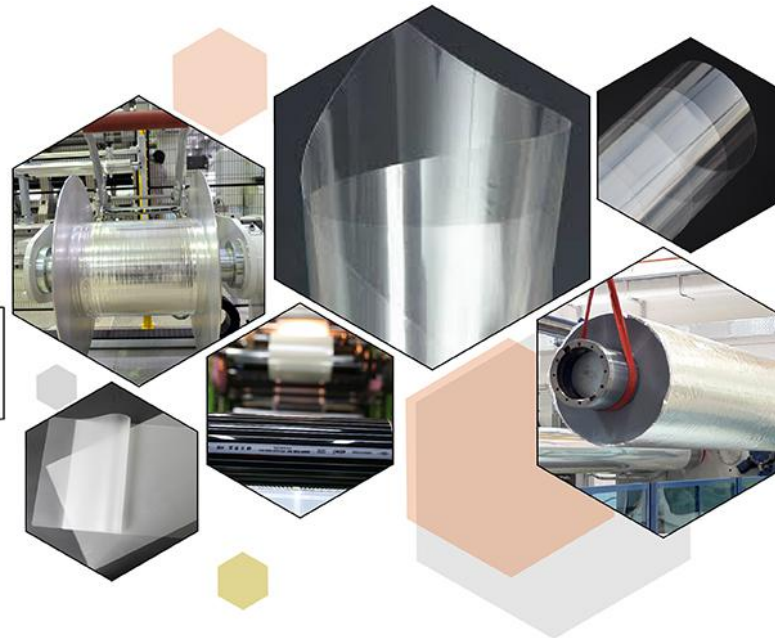
## Part 7 : Water based primer

## Water based primer for PVC film

Model	Solid content	Viscosity	Features	Application
SA-236	40±1%	100-200 mPa·s	<ul style="list-style-type: none"> <li>❑ Nontoxic</li> <li>❑ Fast drying</li> <li>❑ Improve the coating property</li> <li>❑ Excellent adhesive force with polar film</li> <li>❑ Good water resistant, abrasion resistant and scratch resistant</li> </ul>	<ul style="list-style-type: none"> <li>❑ PVC film</li> <li>❑ PET, PS and other polar films etc.</li> </ul>

### APPLICATION

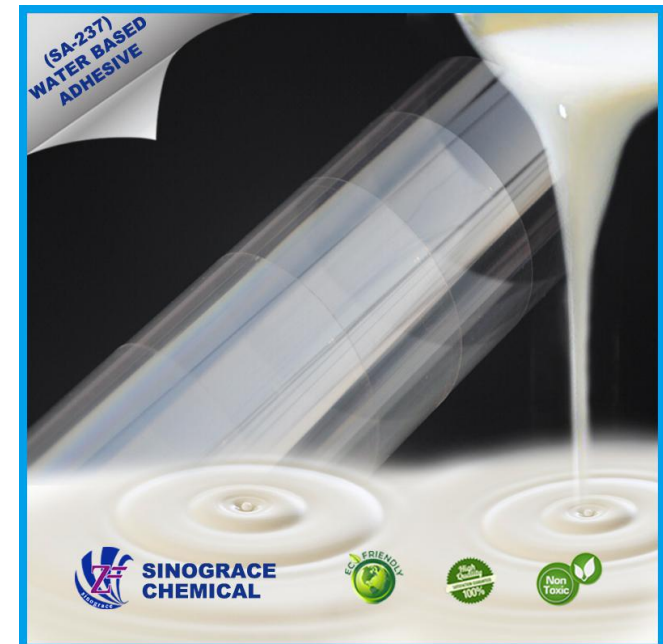
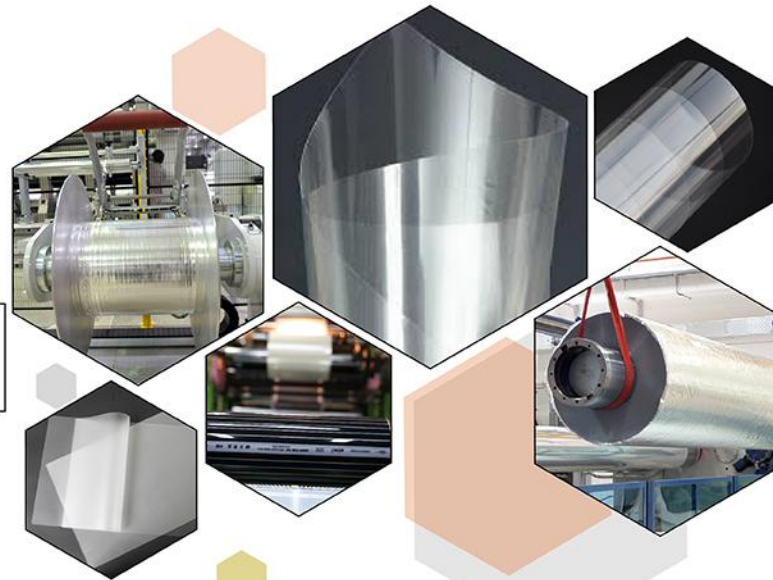
PVC film  
PET, PS and other polar films etc.



Model	Solid content	Tg	Features	Application
SA-237	40±1%	90 °C	<ul style="list-style-type: none"> <li>❑ Nontoxic</li> <li>❑ No effect while exposing to humidity</li> <li>❑ Good water resistant and scratch resistant</li> <li>❑ Excellent adhesive force with nonpolar film (PE, PP, OPP, BOPP etc.)</li> </ul>	<ul style="list-style-type: none"> <li>❑ Coronatreated nonpolar films(PE, PP, OPP, BOPP etc.)</li> </ul>

### APPLICATION

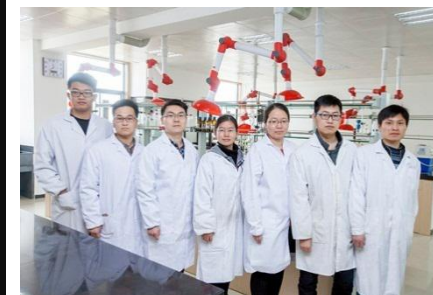
Corona Treated Nonpolar Films (PE, PP, OPP, BOPP etc.)



## Our value added services

If you want to know more !  
Please feel free to contact us !  
We will provide the following information  
for your reference !

- Products TDS
- Certificate of Analysis
- Material Safety Data Sheet
- Free Samples for Testing
- Product Application and Improvement
- Finished products reference formulation



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