

XJY-301-1 Silicone Pressure Sensitive Adhesive

PRODUCT INTRODUCTION

XJY-301-1 Silicone Pressure Sensitive Adhesive is colorless and transparent viscous liquid, which can be used for various adhesive tapes, has strong anti-aging ability, good high and low temperature resistance, can be used for textured paper or PET film, and has good adhesive ability.

PRODUCT FEATURES

- Excellent high and low temperature resistance;
- Excellent chemical corrosion, ultraviolet aging resistance and weather resistance;
- Good adhesive ability, which can show good performance on PI, PET and textured paper
It has a good bonding effect on low energy surface materials, such as silicone rubber and teflon materials;
- It is easy to peel, and there is no residual phenomenon after peeling, which can be used to protect the tape;



PRODUCT PROPERTY

Product Property	
Appearance	Colorless transparent liquid
Solid Content	55±1%
Viscosity	60000-150000mPa.s
Peel Force	200-300g/inch
Solvent	Toluene
Temperature Resistance (°C)	230
Feature	Good cohesion, stable adhesion
Typical Application	Aluminum substrate laminating tape
Curing System	BPO/Bis(2,4-dichlorobenzoyl) peroxide

INSTRUCTIONS FOR USE

- It is recommended to use the catalyst Bis(2,4-dichlorobenzoyl) peroxide, BPO (benzoyl peroxide), and the catalyst usage amount is 2-3%;
- The temperature of the solvent volatilization section is kept below 120°C to ensure the lowest control of catalyst decomposition and complete solvent volatilization, otherwise the tape will produce pores and affect the performance of the adhesive;
- The catalyst preparation concentration is 10%. After preparation, use it as soon as possible, otherwise the solvent will consume the catalyst and affect the catalytic effect;
- During curing, the curing temperature can be appropriately increased to ensure that the catalyst is completely decomposed, otherwise the tape will easily produce white gel-like substances. If BPO is used as the catalyst, the decomposition of the incomplete catalyst will generate a small amount of carbon dioxide gas, forming pores, and affect the performance of the tape;

PACKAGING, STORAGE, TRANSPORTATION

XJY-301-1 can provide 200Kg inner coated iron drum. If you have special requirements, you can negotiate and customize. This product is stored in the original unopened packaging, when the storage temperature is 25°C and below, the validity period of this product is 12 months from the production date. If the storage period is exceeded, the product should be re-tested, and it can still be used if it meets the quality requirements.

PRECAUTIONS

- ◆ The PH value of this series of products is near neutral. If you accidentally touch the skin or eyes, please rinse with plenty of water and go to the hospital for treatment;
- ◆ This product has not been tested or stated as suitable for medical or medicinal use;
- ◆ This information does not include the required product safety information, please read the product description before use;