

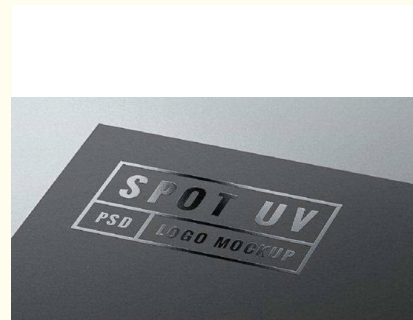


## Transparent Smooth UV Graphic Arts OPV

### Our Product Introduction

#### Basic Information

- Place of Origin: Wuhan, Hubei, China
- Brand Name: Meilun Materials
- Model Number: SNK
- Minimum Order Quantity: 20kg
- Packaging Details: 20kg/barrel, 200kg/barrel
- Supply Ability: 50T/month



#### Product Specification

- Highlight: UV Graphic Arts OPV,  
aromatic urethane acrylate, UV high gloss resin



## Product Description

### UV OPV Resin Product Introduction

UV OPV (Ultraviolet Curing Overprint Varnish) resin is a high-performance curing material specially designed for high-end printing and surface coatings. With polyurethane acrylate as the core base material, combined with UV curing technology, this product demonstrates exceptional adhesion, transparency, and decorative properties in the field of print art. It is widely used in packaging, labels, 3C electronics, and luxury goods surface treatments, adding high added value to the final products.

#### Core Materials and Technology

This product is based on a composite system of aliphatic polyurethane acrylate and aromatic polyurethane acrylate, combining the performance advantages of both:

- **Aliphatic Polyurethane Acrylate:** Provides excellent yellowing resistance and flexibility, suitable for outdoor or long-term light exposure environments.
- **Aromatic Polyurethane Acrylate:** Offers high mechanical strength and chemical resistance, meeting industrial-grade wear resistance requirements.

Through molecular structure optimization, the resin system achieves rapid UV curing (surface drying within 1-3 seconds), significantly improving production efficiency and reducing energy consumption.

#### Performance Advantages

**UV High-Transparency Resin:** Nano-level dispersion technology ensures an ultra-clear coating with no color shift or fogging, perfectly restoring the printed design colors.

**UV High-Gloss Resin:** The surface gloss can reach over 95°, presenting a mirror-like effect that enhances the product's visual quality.

**UV High-Wear-Resistant Resin:** Passes 10,000 cycles of steel wool abrasion tests (750g load), suitable for high-contact environments (such as electronic product casings and credit cards).

**Eco-friendly and Efficient:** Free of VOCs, compliant with RoHS/REACH standards, with no solvent evaporation during curing, making it a green and safe choice.

#### Application Fields

- **High-end Packaging:** UV reverse matte, partial embossing effects for tobacco and liquor boxes, cosmetic boxes, gift boxes.
- **Print Art:** Soft Touch or 3D holographic coatings for book covers and art catalogs.
- **Industrial Protection:** Wear-resistant and scratch-resistant coatings for automotive interiors and household appliance panels.

#### Conclusion

This UV OPV resin series, with its innovative acrylate polyurethane formulation and the synergistic effects of aliphatic and aromatic systems, redefines the performance boundaries of UV coatings. Whether in the print art field, where artistic expression is key, or in industrial scenarios that require functional protection, it provides customized solutions that help clients upgrade their products and achieve differentiated competition.

### Recommended product models(please search on the site):

**SNK-2202,SNK-2205,SNK-2228,SNK-2227,SNK-2232**

#### Storage and validity period:

- 1: This product should be stored in a cool, well-ventilated room, and strictly protected from light exposure for stable storage.
- 2: Keep the resin away from heat sources and store it in a dark place to prevent potential hazards or affecting the stability of resin storage.
- 3: When stored at room temperature, it remains stable for six months. After use, please tightly seal the container to avoid exposure to light sources and gelation.

#### Package

200 kilograms/iron drum  
20 kilograms/iron drum  
200 kilograms/plastic drum  
20 kilograms/plastic drum



**Wuhan Meilun New Materials Co., Ltd**



+8618062439876



hu1150563785@gmail.com



melonmaterials.com

Room 1206-1207, Building 8, Country Garden Yunxi Office, No. 20 Gaokeyuan West Road, Jiufeng Street, East Lake New Technology Development Zone, Wuhan