



SNK-2227 (Polyurethane Acrylate) UV Inkjet Resin

Basic Information

- Place of Origin: Wuhan, Hubei, China
- Brand Name: Meilun Materials
- Model Number: SNK-2227
- Minimum Order Quantity: 20kg
- Packaging Details: 20kg/barrel, 200kg/barrel
- Supply Ability: 50T/month



SNK-2227

Product Specification

- Highlight: nail polish UV Inkjet Resin,
Protective UV Inkjet Resin,
polyester urethane acrylate yellowing
resistance

Product Description

UV Plastic Coating Resin(Polyurethane acrylate)SNK-2227

Product Description:

Main Applications:

Primarily used as a base or intermediate coat in nail polish applications.
Crystal droplet adhesives, substrate lamination, and protective coatings.
Formulated for PVC flooring to enhance yellowing resistance and matte finish systems.
Coatings for optical fibers.

Processes:

Suitable for screen printing, roller coating, spraying, and adhesive applications.
Compatible with conventional UV monomers and resin blends.

Typical performance characteristics

Quick surface drying under LED, flexible resin, excellent scratch resistance, superior yellowing resistance, good water and chemical resistance, high temperature resistance, and non-crystallization properties.

Number of functional groups: 2, Curing energy: 300-500 mJ/cm², curable with both UV and UV-LED.

Molecular weight (Mw): 1500-3000, soluble in ketones, esters, and aromatic solvents.

This product is well-suited for applications requiring fast surface drying, flexibility, durability against scratches and yellowing, and resistance to water, chemicals, and high temperatures. It can be cured using UV or UV-LED light sources and is compatible with various solvents.

Technical Parameters:

serial number	Technical parameter items	unit	Technical parameters
1	viscosity	mpa.s/40°C	40000-65000
2	Solid content	%	≥98
3	Exterior		Light yellow, viscous liquid
4	color number	Gardner,25°C	<1
5	AV	mgKOH/g	≤3
6	NCO	mgKOH/g	≤3
7	Polymerization inhibitor	ppm	< 400

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



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