



JIAZHI® easy-cleaning functional resin

Model number

JIAZHI®JZ-9540

Specification

Composition	Silicone modified hydroxyl acrylic resin solution
Appearance	Slight yellowish to yellow clear liquid
Solvent	BAC/PMA
Content	50±3%(140°C 2h)
Density	0.98-1.02g/ml(25±1)°C
Viscosity	100-1000mPa·s (Rotating viscometer)(25±0.2)°C
Hydroxyl value	120±5 mg KOH/g (Theoretical value of solid resin)

Note: This datasheet is intended to give typical results, not standard. Subject to COA.

Application system

Solvent-based system

Properties

- Increase slip. Improve hydrophobicity and oleophobicity.
- Provide anti-marker wiping performance.
- Provide lotus effect.
- Compared with anti-graffiti additive, better easy cleaning effect and alcohol-resistant wiping performance.
- Water contact angle > 100°

Storage stability

Store in a cool, dry place in the unopened original packaging for 36 months. Products that exceed the storage period can continue to be used after passing the inspection. It must be closed immediately after use.

Recommended formula

1. Suggestion for PU varnish formulation

	Material	Dosage%
Part A	JZ-9540	76
	PMA	22.65-22.74
	Dryer(1%)	1
	WE-D8920BR(leveling agent)	0.25
	WE-D980(defoamer)	0.01-0.1
	Total	100
Part B	N3390	18

1. Suggestions for the use of defoamers

Adding 0.01% XOANONS®WE-D980 to PU varnish does not affect the transparency of the paint solution; The color paint system can increase the amount of XOANONS®WE-D980 added by 0.1%.

2. NCO% of N3390=19.6, produced by Covestro, Germany.

3. After mixing A and B components, the storage period is 5-7 hours under the condition of a lid. Therefore, mixed materials should be used as soon as possible, otherwise it will be gelatinized and cannot be used.

4. Recommended baking temperature: 80 ° C for 1 hour or 150 ° C for 5 minutes, which could have better easy cleaning effect.

2. Suggestion for baking system formulation

Material	Dosage
JZ-9540	50
Butylated amino resin	10
Solvent	38.5
Adhesion promoter	1
Acid catalyst	0.5
Total	100

1. The amino resin used in this formulation is SANMU 582, which can be further adjusted according to specific requirements.

2. Recommended baking temperature: 150 ° C for 30 minutes or 210 ° C for 90 seconds.

Package

25KG / 180KG