



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-to-clean 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	22.74
	Dryer(1%)	1
	WE-D8920BR(leveling agent)	0.25
	WE-D980(defoamer)	0.01
	Total	100
Part B	N3390	18

1Note:

1. Usage recommendation for defoamer

Add WE-D980 with 0.01% to PU varnish and no affecting of compatibility.

Can increase the addition to 0.1% of WE-D980 to color paint.

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

3. The mixed part A and B should be used up within 5-7 hours in a sealed container. Otherwise, the mixed material will be gelled.

4. Suggest dry it at 80°C for 1h or 150°C for 5min. For automotive protective film, 110-130°C for 2-3min, ripening at 60-80°C for 24h.

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 adjusted according to specific requirements.

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

Package

25KG / 180KG