



Achieve the innovative value of paint

JIAZHI® Anti-graffiti and easy-cleaning resin

Model number

JIAZHI®JZ-9540

Specification

Composition	Silicone modified hydroxyl acrylic resin solution
Appearance	Transparent to slight yellowish clear liquid
Solvent	BAC/PMA
Content	50±3%(105℃ 3h)
Density	0.98-1.02g/ml(25±1)℃
Viscosity	100-1000mPa·s (Rotating viscometer)(25±0.2)℃
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

Properties

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

Recommended formula

1. Suggestion for PU varnish formulation

	Material	Dosage%
Part A	JZ-9540	76.0
	PMA	22.4
	Dryer(1%)	1.0
	WE-D8920BR(leveling agent)	0.5
	WE-D980(defoamer)	0.1
Part B	N3390	18.0

Note:

- 1.N3390 is a cure agent from Bayer with a value of NCO%=19.6%.
- 2.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.
- 3.Suggest dry it at 80℃ for 1h or 150℃ for 5min.

2. Suggestion for baking system formulation

Material	Dosage
JZ-9540	50.0
Butylated amino resin	10.0
Solvent	38.5
Adhesion promoter	1.0
Acid catalyst	0.5
Total	100

Note:

- 1.The resin could be adjusted according to circumstance.
- 2.Suggest drying temperature at 150℃ for 30min or 210℃ for 90s.

Storage stability

Keep intact 36 months in original package. Products beyond the storage period may continue to be used after inspection. The container must be closed immediately after use.

package

This information is given to the best of our knowledge. Because of the multitude of formulations, production, and application conditions, all the above mentioned statements have to be adjusted to the circumstances of the processor.



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25KG / 180KG