JIAZHI® Easy-cleaning functional resin

Model number

JIAZHI®JZ-9540-20

Specification

Composition	Silicon modified hydroxyl acrylic resin solution
Appearance	Slight yellowish to yellowish liquid
Solvent	BAC/ PMA
Content	50±3%(140℃ 2h)
Viscosity	100-1000mPa·s (Rotating viscometer)(25±0.2)℃
Hydroxyl value	170±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 effect.
- Excellent flexibility .
- Excellent function of hot-healing and self-repairing in room temperature.
- Water contact angle ＞100°
- Excellent weather resistance.

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.

Recommended formula

1. Suggestion for PU varnish formulation

	Material	Dosage%
Part A	JZ-9540-20	76.0
	PMA	22.75
	Dryer(1%)	1.00
	WE-D8920BR(leveling agent)	0.25
	Total	100.00
Part B	N3390	26.00

Note：

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

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 110-130℃ for 2-3min. for automotive protective film, ripening at 60-80℃ more than 24h. Dry it at 80℃ for 1h, or 150 ℃ for 5h for other industrial coatings.

Package

25KG / 180KG