



2250Hydroxyl Acrylic Resin

(Technical Data Sheet)

【Features】

- The aluminum powder exhibits excellent orientation
- Excellent weather resistance
- Excellent reworkability
- Excellent compatibility with CAB

【Uses】

- PU Aluminum Powder Paint for Metal, Plastic and Exterior Walls
- PU Matte Paint

【Product Performance】

Properties	Range	Method
Composition:	Acrylic Acid Copolymer	
Appearance:	Pale Yellow Transparent Liquid (GB/T 1721)	
Color Value:	< 1# (Fe-Co) (GB/T 1722)	
Viscosity:	2000~3000mPa. s/30℃ (GB/T 7193)	
Solid Content:	50±2% (GB/T 1725)	
Acid Value:	3~5mgKOH/g (GB/T 6743)	
OH Value:	60mgKOH/g(solid state)	
OH %:	1.8%(solid state) (GB/T 2709-95)	
Solvent:	Toluene/Butyl Acetate	

【Thinner】

Petroleum Solvent Oil	○	Methyl Ethyl Ketone	●
Toluene	●	Methyl Isobutyl Ketone	●
Xylene	○	PGMEA	●
Solvent Oil 150	○	Ethyl Acetate	●
Acetone	●	Butyl Acetate	●
●=Infinite Dilution		○=Limited Dilution	
○=Large Scale Dilution		○=Very limited	

【Miscibility】

AC1012	●	CAB381-0.5	●
AC1060	●	CAB381-2	●
●=Complete Miscibility		○=Partial or Limited Miscibility	

【Reference Formula】

PU Varnish		
ComponentA:	2250	60
	20%CAB381-2	15①
	Silver Flake	8
	BYK300	0.1②
	Xylene	5
	Butyl Acetate	8
	PMA	3.9
		100

Component B:Curing Agent N3390 7

Thinner : Toluene/Xylene/n-Butyl Acetate/Methyl Ethyl Ketone/PMA/S-100#
= 10 / 30 / 35 / 10 / 5 / 10

Paint Mixing Ratio:Component A/Component B/Thinner=100/7/100~120

Note: ①: Cellulose Acetate Butyrate
②: Silicone Leveling Agent

【Storage】

The product is packed in sealed containers. It is recommended to store it at a temperature range of 0~40℃ in a cool place, protected from sunlight and rain, and away from sources of ignition. The shelf life of this product is 12 months from the date of production. When the temperature drops below 0℃ in winter, it should be protected from frost. Please conduct necessary tests before use.

【Packaging】

Net Weight: 190KG/Drum

Note:The mixing ratio of 2250 to the above-mentioned resins is1:1.When mixing with resins,additives,etc.from our company or other companies,please first test the resin Compatibility.

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Reference formulations include experimental results based on the company's current best knowledge. The company is not liable for the accuracy of customers' results from using these formulations. Their sole purpose is to guide customers' material selection. Customers must conduct sufficient application tests before use, and the decision to adopt the company's resins is at their discretion.