



2065 Hydroxyl Acrylic Resin

(Technical Data Sheet)

【 Features 】

- High gloss
- Good Leveling
- High fullness
- Good solvent resistance

【 Uses 】

- Construction Machinery Paint
- Automotive Refinish Paint
- Plastic Topcoat

【 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:	3000~5000 mPa. s/30℃	(GB/T 7193)
Solid Content:	65±2%	(GB/T 1725)
Acid Value:	4~7mgKOH/g	(GB/T 6743)
OH Value:	100(solid state)	
OH %:	3.0%(solid state)	(GB/T 2709-95)
Solvent:	Xylene/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 】

AC1021	●	AC1017	●
AC1060	●	2570	●

●=Complete Miscibility ○=Partial or Limited Miscibility

Note: The mixing ratio of 2065 to the above-mentioned resins is 1:1. When mixing with resins, additives, etc. from our company or other companies, please first test the resin Compatibility.

【 Reference Formula 】

PU Varnish		
Component A:	2065	76.9
	BYK306	0.1①
	BYK358	0.3②
	T-12	0.1③
	Xylene	10
	Butyl Acetate	7
	PMA	5.6
		100

Component B: Curing Agent N3390 20

Thinner : Toluene/Xylene/Butyl Acetate/Methyl Ethyl Ketone/PMA/S-100#

= 10 / 30 / 35 / 10 / 5 / 10

Paint Mixing Ratio: Component A/Component B/Thinner=100/20/50~100

Note: ①: Silicone Leveling Agent
②: Acrylate-based Leveling Agent
③: Organotin Drier

【 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: 200KG/Drum