

QINGYUAN YAKOO CHEMICAL CO.,LTD.

ACRYLIC RESIN · POLYESTER RESIN · WATER BASED RESIN

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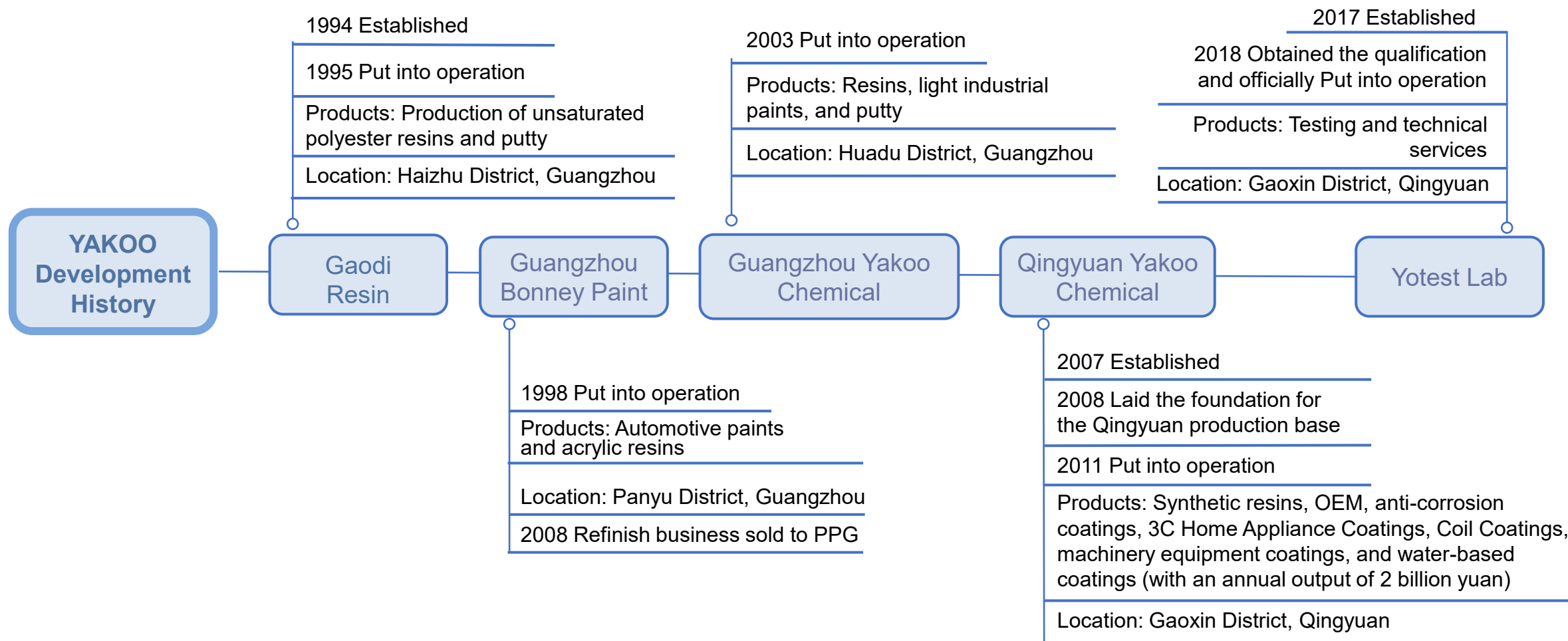
Exhibition Review

CHINACOAT

About YAKOO 01



YAKOO Development History





YAKOO Group

YAKOO 雅克化工



Qingyuan yakoo chemical co.,ltd.
Mainly produces light industrial
coatings/synthetic resins.

Guangzhou yakoo chemical co.,ltd.
It mainly produces putty.



Guangdong YOTEST LAB CO.,LTD
Is a collection of testing, inspection, consulting, training as
one of the independent comprehensive third-party testing
institutions.



ACRYLIC RESIN·POLYESTER RESIN·WATER-BASED RESIN



Introduction of Qingyuan YAKOO factory



Area: 180

Resin capacity: hundred thousand tons per year

Coating capacity: hundred thousand tons per year

ACRYLIC RESIN·POLYESTER RESIN·WATER-BASED RESIN



Production Facilities & Capacity

- The production base and facilities cover an area of 180 mu, and the annual production capacity of synthetic resin is up to 100,000 tons, and the current monthly output is about 4,000 tons. There are 8 production workshops, 8 warehouses, and 22 underground storage tanks.
- 14 sets of highly efficient and automated reactors ensure maximum flexibility in resin production and are tailored for changing markets.
- Reactor capacity sizes include 0.5 tons, 3 tons, 6 tons, 12 tons, 20 tons and 30 tons, of which 7 sets are used for the synthesis of acrylic resin and 7 sets are used for the synthesis of polyester.



Reactor - Acrylic Resin



Reactor - Polyester Resin

Expansion of operational capacity

- Three 1500m² Class A warehouses equipped with shelving systems can hold more than 2000 tons of chemicals
- Six Class A workshops cover an area of 4,000 square meters to achieve maximum production capacity .
- The existing workshop and warehouse work together to quickly improve operation efficiency and implement long-term development strategy.



Underground Storage Tank

Sustainable Development Strategy



RTO incinerator



Sewage treatment station

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Quality safety system

Strictly implement ISO9001:2015,ISO14001 program management to ensure that products and services meet customer requirements.

Safety production permit,Pollutant discharge permit,EcoVadis certification medal.

Establish and implement safety management system and environmental protection system to ensure compliance with national standards.



EcoVadis certification bronze medal



ISO14001: 2015



ISO9001: 2015

R&D Testing Center 02



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YAKOO R&D



Product research and development center

Resin synthesis reaction laboratory

- 20 technical backbone dedicated to product design and research and development, to provide leading solutions.
- 4,000 m² R&D center can accommodate hundreds of technicians.
- Develop high-performance resins and provide related supporting solutions for the automotive and consumer electronics and industrial sectors.



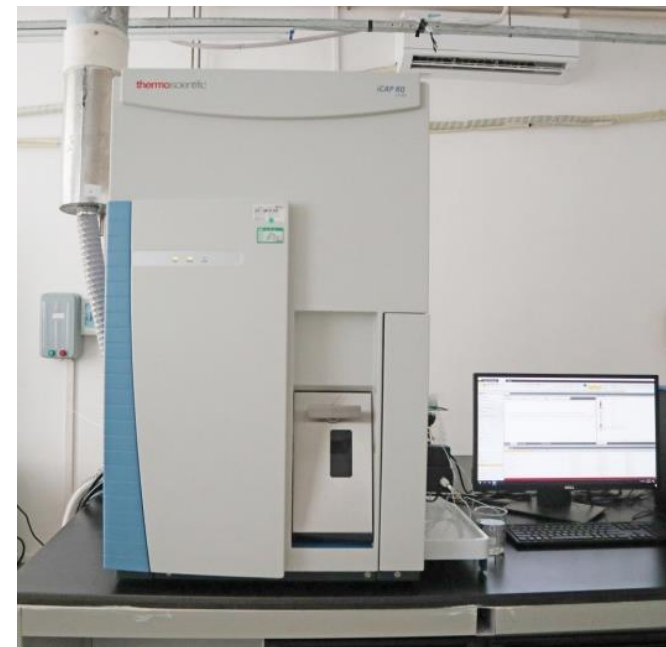


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Research and development instrument

- 01 / Triple quadrupole Liquid chromatography-Mass spectrometry (LCMS-8040)
- 02 / Gas Chromatography-Mass spectrometry (GCMS-TQ8040)
- 03 / Gel Penetration Chromatography Prominence (GPC)
- 04 / Fourier Transform infrared Spectrophotometer (raffinityS)
- 05 / TG Analyzer (TGA-50)
- 06 / Differential Scanning calorimeter (DSC-60plus)



Yakoo Resin Products 03

Main products **01**

Applications in the
automotive field **02**

Water-based
baking resin **03**

Water-based low-
temperature resin **04**

OEM **05**

Automotive interior
and exterior trim paint **06**

Low-temperature
paint **07**

PU topcoat **08**



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Main products **01**

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Main products

Water-based resins

Hydroxyl Acrylic Dispersion
Water-soluble Acrylic
Epoxy Emulsion
Epoxy Curing Agent
Water-soluble Polyester Resin
Special Acrylic Emulsion

Oil-based resins

Acrylic Resin
(Hydroxyl、
thermoplastic、
thermosetting)
Polyester Resin

Functional resins/additives

Anti-sagging Resin
Oriented Wax Paste
Modified Acrylic Resin For
PP Primer

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Applications in the automotive field 02

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Applications in the automotive field

Low temperature car paint

2K primer

fast-dring economy
YZ-H468/YZ-H626
high performance
YZ-H404/YZ-H603

1K basecoat

refinishing economy
YZ-H115/YZ-H116
high performance
YZ-H404/YZ-H603
polyester resin
YP8321
anti-sagging
YP8818
EVA wax
L4500

high-concentration color masterbatch

YZ-H500

2K color paint/clearcoat

regular
YZ-H406/YZ-H751/YZ-H662
high performance
YZ-H718/YZ-H729/YZ-H760
ultra-fast-drying
YZ-H631/ YZ-H632/ YZ-H770
low VOC high-solid,low viscosity
YZ-H886/YZ-H761 /YZ-H762

OEM system

primer/basecoat

YP8321

topcoat

YS8411/YS8413

anti-sagging

YS8813

PP bumper

PPprimer/treating agent

YT2702M/YT2702A

basecoat

hydroxyl acrylic resin YZ-H169/YZ-H118
polyester/anti-sagging YP8321/YP8818
EVA wax L4500

clearcoat

hydroxyl acrylic resin YZ-H728/YZ-H755
polyester/anti-sagging YZ-P836/YP8836

interior and exterior trim ABS/PC

1 K/2 K primer

YT2347/YH2205N/YH2837

resistant to chemical and RCA topcoat

YH2822/YH2800

highlight underside all-in one paint

YH2821A

matte clearcoat

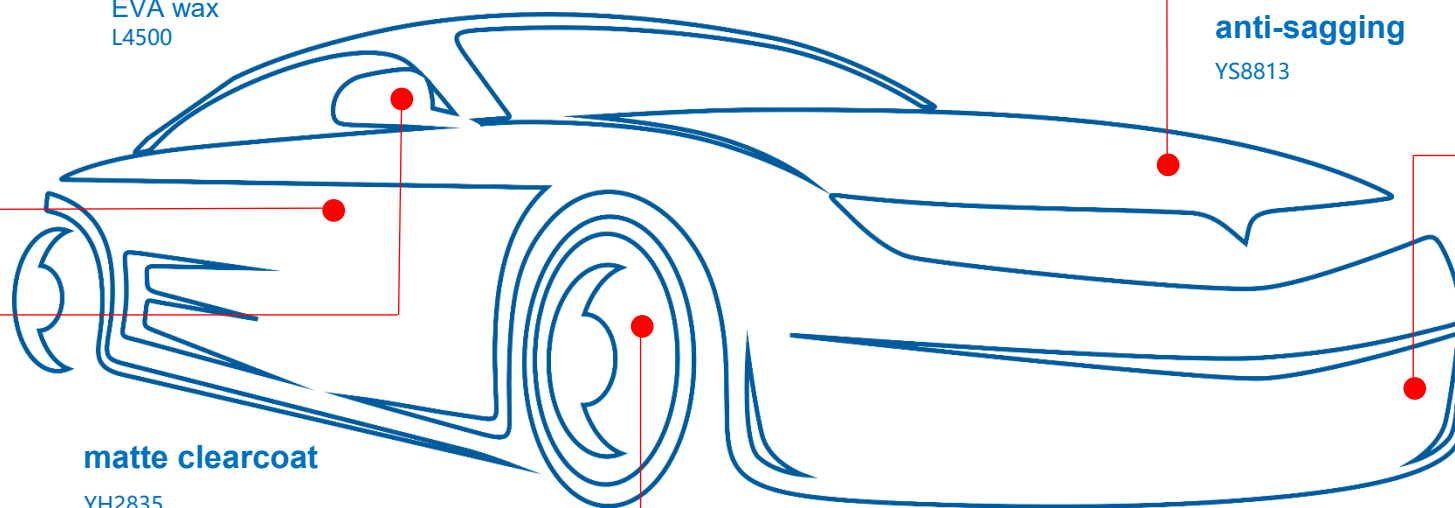
YH2835

film resistant high gloss clearcoat

YH2836N

Water-based wheel hub

YWH6602/YWH6606



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Water-based
baking resin

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Water-based baking resin



•water-based wheel

YWH6602 type: water-
non-volatile%

YWH6606 type: water-
non-volatile%
OH-content%

YWA2016

Excellent boiling water resistance (for metal substrates);

Strong adhesion to metal substrates;

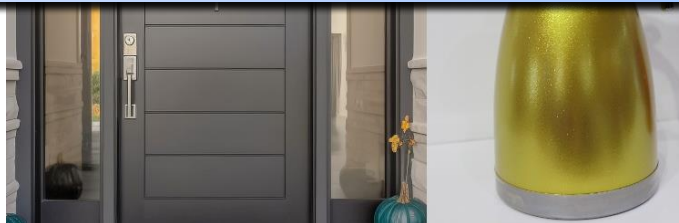
Outstanding recoatability.

Specially designed for water-based aluminum profile coatings.

•water-based baking paint resin

water-soluble acrylic resin
volatile%: 60 ± 2

water-soluble acrylic resin
volatile%: 50 ± 2



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Water-based low-temperature resin

•water-based P

YWH6046 type: wa
non-vola
OH-conte
character
applicatio

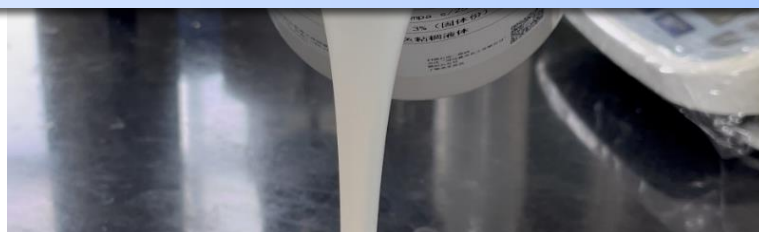
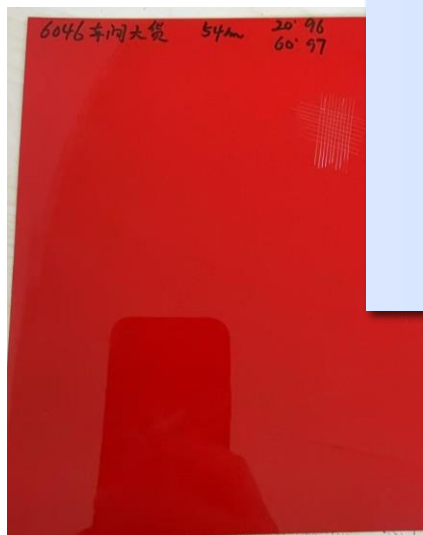
YWH6035

Super Water-Resistant Waterborne Primer Resin

Excellent gloss and fullness;
Superior application performance and compatibility;
Favorable water resistance and chemical resistance.



ness; superior application
e water resistance and



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Recommended products of OEM

•OEM coatings Matched Solution

Recommended Base

YP8321 type: saturated
viscosity: mPa.s/



atile%: 70 ± 2

atile%: 75 ± 2

in non-volatile%: 50 ± 2

ment and adhesion, along
with outstanding stone-impact resistance, salt spray resistance, acid resistance,
alkali resistance and water resistance.



Electric Vehicle Supporting Solutions

High-Temperature Baking Paint for Metal F

basecoat: YP8

topcoat: YS84

YZ-T202

- 1、 Aluminum Powder Orientation;
- 2、 Interlayer Adhesion of UV Coating;
- 3、 Excellent Solvent and Boiling Water Resistance;
- 4、 Can be used as base for Halogen-Free UV/PU Silver Paint.

YT2700

- 1、 Interlayer Adhesion ;
- 2、 Excellent PU Recoatability;
- 3、 Excellent Aluminum Powder Orientation.

High-Temperature Paint for Plastic Parts

One-Component Primer:
YZ-T202/YT2700

PU Varnish: YZ-H728

One-Component Primer:
YZ-T202/YT2700
PU Varnish: YZ-H728

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Automotive interior and exterior trim paint

•Automotive interior

ABS a coating of

YH2821

type: hydroxyl acrylic resin
OH content%: 2.4

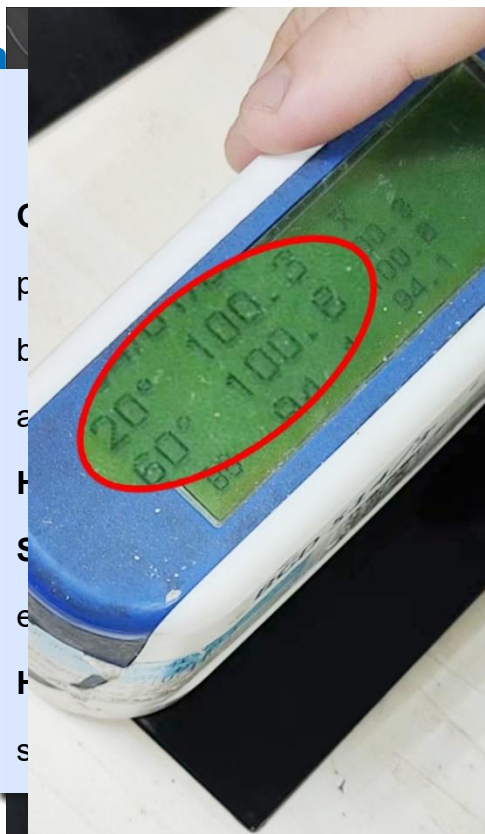
YH2821A

type: hydroxyl acrylic resin
OH content%: 3.0

polyester anti-sagging

YP8836

type: polyester anti-sagging resin
Non volatile%: 60±2
OH content%: 4.2



anone resin

50±2

50±2

coat resin

type: hydroxyl acrylic resin Non volatile%: 70±2 OH content%: 5.1



Automotive interior and exterior trim paint

-PP bumper paint matching solution

Recommended PP

YT2702M

type: Modified thermoplast

YT2702A

type : Modified thermopl

Recommended 1I

YZ-H169

type : Hydroxy acrylic resin Non-volatile% : 50±2 OH-content% : 2.0

YP8321

type : Saturated polyester resin Non-volatile% : 63±2 OH-content% : 2.1

YZ-H728

Gloss, leveling, fulness

Construction, DOI

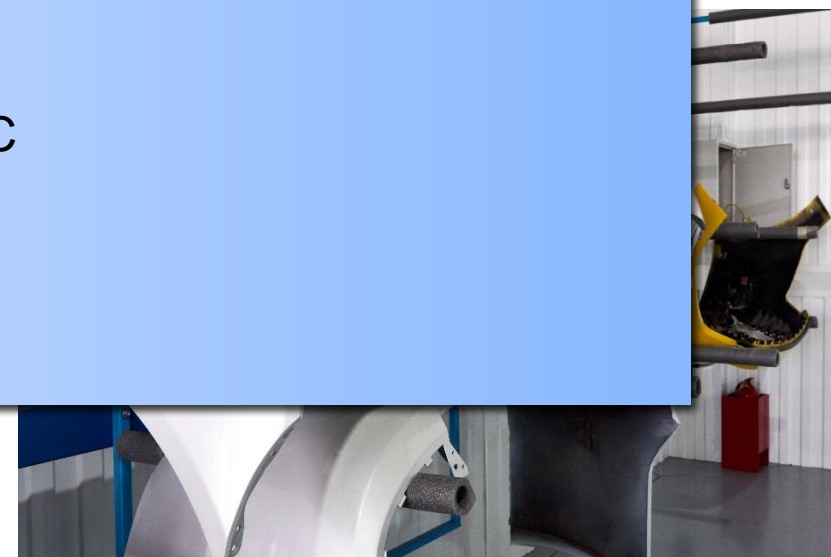
Excellent water resistance

High solid, low viscosity, low VOC

Weather resistance

coat resin

content% : 4.2





Self-matting hydroxyl acrylic resin-YH2835



YH2835

Non-Volatile: $50 \pm 2\%$ OH Content: 2.4 %

- self-matting
- excellent scratch resistance
- good weather resistance
- resistant to strong acids and alkalis
- excellent alcohol/MEK resistance
- good adhesion after rework

Alkali resistance (5%NaOH) 50°C immersion for 4h

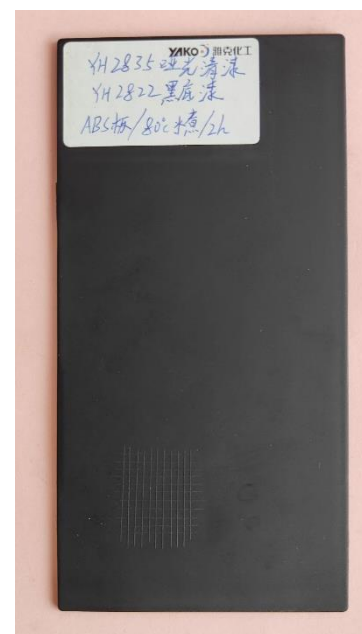


ordinary matte paint

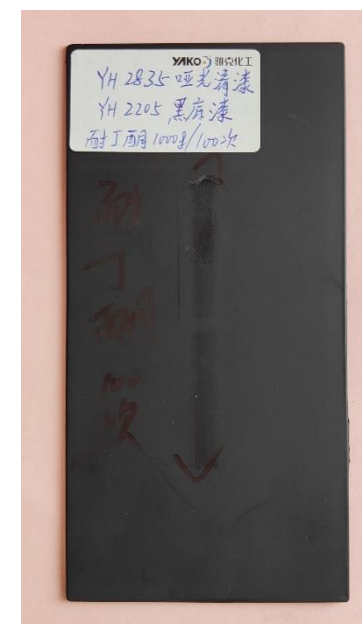


YH2835 matte paint

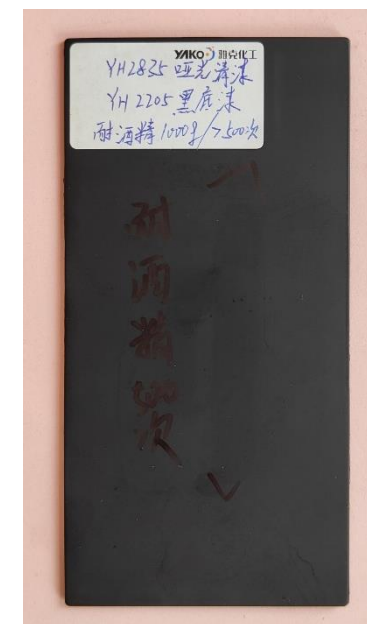
Initial boiling(80°C 2h)



MEK resistance (1000g)



Ethanol resistance (1000g)



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Low-temperature
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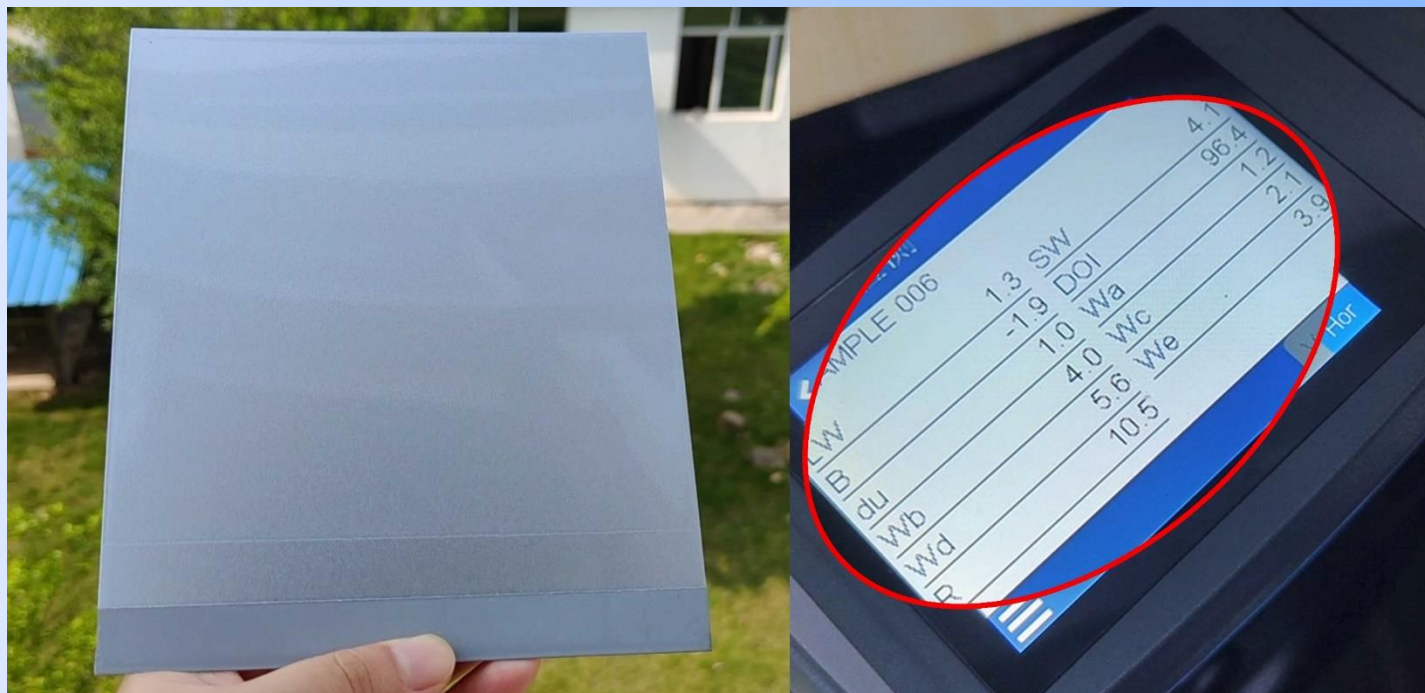
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Low-temperature paint



28 /YZ-H762 /YZ-H886

632/YZ-H633/YZ-H770

P8321/L4500

404

electrophoresis/epoxy

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PU topcoat 08



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PU topcoat

•ult

YZ.

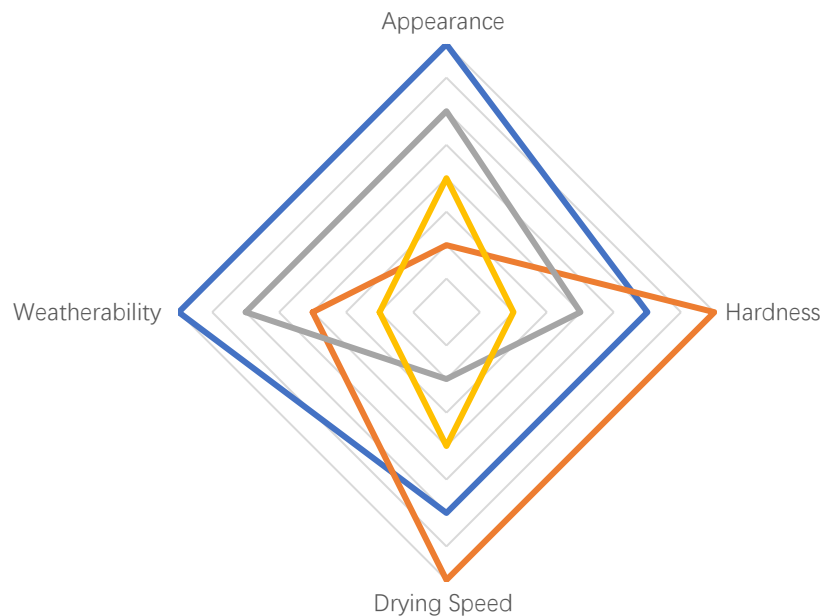
YZ.

YZ.

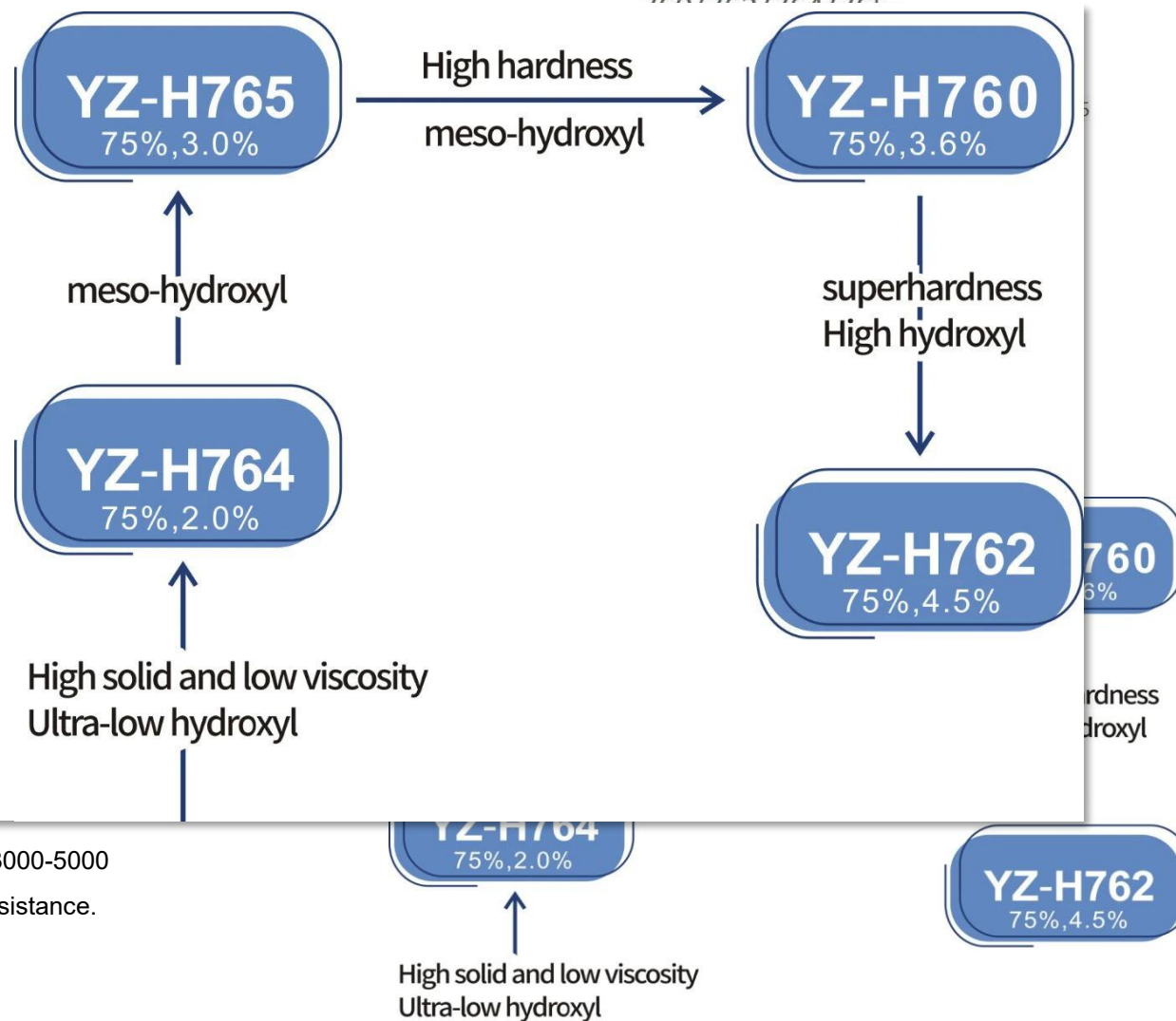
YZ.

760/762/764/765
Comparison of key points of resin products

— YZ-H760 — YZ-H762 — YZ-H764 — YZ-H765



non-volatile%: 75±2 OH-content%: 4.5 viscosity mPa.s/25°C:3000-5000
characteristics: fast-drying; high hardness; excellent weather resistance.



Exhibition Review

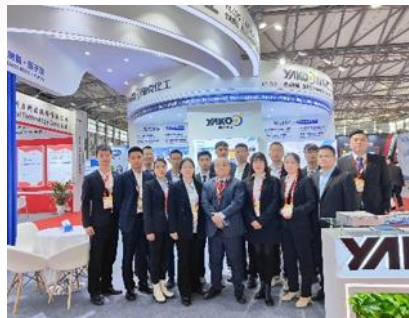
CHINACOAT

05



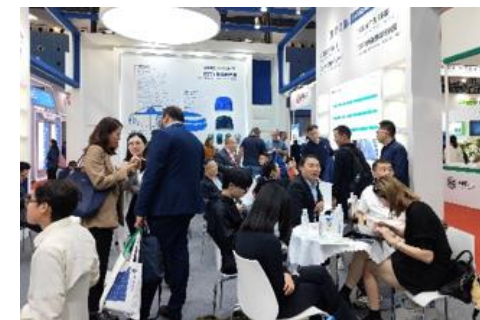
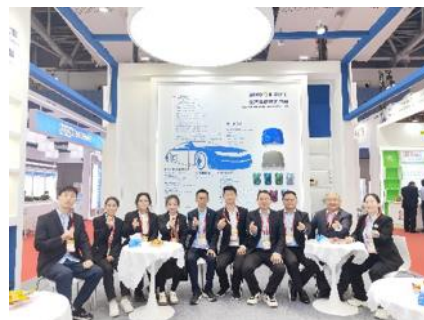
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YAKO 雅克化工



2023年

2024年



2025年



ACRYLIC RESIN·POLYESTER RESIN·WATER-BASED RESIN



2026 「CHINACOAT」

TIME: 11月11-13日

ADDRESS: Area A, China Import and Export Fair Complex, Guangzhou

YAKOO
BOOTH NUMBER

3.2E35



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Qingyuan Yakoo Official Account



Qingyuan Yakoo YouTube

Scan to follow & learn more about our products

Address: Area A4, Jiafu Industrial Zone, Yinzhan Industrial Park, High-tech Zone,
Qingyuan City, Guangdong Province
Tel: 0763-3607328 Fax: 0763-3697338

A provider of integrated solutions for acrylic resin (hydroxyl, thermoplastic,
thermoset) coatings and coating applications

THANKS