

YDNResin Company Brochure

Advanced Melamine Resin Solutions for Global Industries

About YDN Resin

Ydnresin is the dedicated melamine resin brand of YDN Group—China's largest vertically integrated manufacturer of melamine resin and melamine foam, and the world's second-largest melamine foam producer after BASF. With a legacy of excellence and a vision for sustainable innovation, Ydnresin delivers customized, high-performance resin solutions that power next-generation manufacturing.



Water-Based Coatings & Decorative Paints

- ✓ Scratch resistance and gloss improvement
- ✓ Enhanced chemical and water resistance
- ✓ Stability in low-VOC formulations



R&D and Manufacturing Strength

- **Vertical Integration:** Complete control from synthesis to packaging ensures consistent quality and delivery.
- **21 Patents:** Proven innovation across resin formulations, manufacturing processes, and application technologies, demonstrating YDN's leadership in resin science and IP protection.

INGER CERTIFICATION ASSESSMENT SERVICES



QUALITY MANAGEMENT SYSTEM CERTIFICATE

Certification No: 117 24 QU 0264-06 R15

This is to certify that:

**Zhejiang Yadina New Material
Technology Co., Ltd.**

Unified social credit code: 91330400744148577X

Location: No. 2088, Jiuliting Avenue, Caoqiao Street, Pinghu City,
Zhejiang Province, China

The established MS conforms to: GB/T19001-2016/ISO9001:2015

Scope of approval: **Production of Modified Melamine Resin, Melamine Foam
Plastics**

Signed by: 

Original Cycle: 05 Jul. 2021 to 04 Jul. 2024
First Recertification Audit Date: 06 Jun. 2024 to 09 Jun. 2024
First Recertification Cycle: 05 Jul. 2024 to 04 Jul. 2027
Date of Current Certification: 25 Jun. 2024

Shanghai Inger Certification Assessment Co., Ltd.
Certification and Accreditation Administration of PRC/CNCA-R-2003-117
Tel: 400-633-9001 / +86-021-51114700
Web: www.icasia.com
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Xuhui District, Shanghai, China, 200235







INGER CERTIFICATION ASSESSMENT SERVICES

The ownership of the certificate belongs to Shanghai Inger Certification Assessment Co., Ltd. The information & validation of this certificate can be checked on the CNCA website: WWW.CNCA.GOV.CN and ICAS website, or by calling ICAS's clients services Dept. The certificate is only valid when used together with related permits when appropriate. If the organization can't effectively maintain the

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ENVIRONMENTAL MANAGEMENT SYSTEM CERTIFICATE

Certification No: 117 24 E0 0037-06 R15

This is to certify that:


**Zhejiang Yadina New Material
Technology Co., Ltd.**

Unified social credit code: 91330400744148577X

Location: No. 2088, Jiuliting Avenue, Caoqiao Street, Pinghu City,
Zhejiang Province, China


The established MS conforms to: GB/T24001-2016/ISO14001:2015

Scope of approval: **Production of Modified Melamine Resin, Melamine Foam
Plastics**

Signed by: 

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First Recertification Audit Date: 06 Jun. 2024 to 09 Jun. 2024
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OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM CERTIFICATE

Certification No: 117 24 S0 0039-06 R15

This is to certify that:


**Zhejiang Yadina New Material
Technology Co., Ltd.**

Unified social credit code: 91330400744148577X

Location: No. 2088, Jiuliting Avenue, Caoqiao Street, Pinghu City,
Zhejiang Province, China



The established MS conforms to: GB/T45001-2020/ISO45001:2018

Scope of approval: **Production of Modified Melamine Resin, Melamine Foam
Plastics**

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Product Selection & Comparison Guide

Product Name	Resin Type	Imino Content	Etherification	Solubility	Key Features	Comparable Products
YDN535	High Imino Methyl Etherified Melamine Resin	High	Methylated	Solvent-compatible	Fast curing, hard film, thermal/chemical resistance	CYMEL® 325, Resimene® 714
YDN385	Fully Waterborne High Imino Melamine Resin	High	Methylated	Fully water-soluble	Formaldehyde-free, high reactivity, stable in water systems	CYMEL® 385, Luwipal® 066
YDNU-65	High Solid Urea-Formaldehyde Resin	Low	None	Partially water-soluble	High solids, fast cure, good bonding	Prefere® UF, Hexza UF
YDN525	High Imino Melamine Resin	Very High	None	Solvent-compatible	Thermal resistance, hardness, fast cure	CYMEL® 370, Resimene® 717
YDN5130	Long-Chain Alkyl Etherified Melamine Resin	Low	Highly Alkylated	Solvent-compatible	Flexibility, weather resistance, durability	CYMEL® 1168, Sumimal® ME
YDN5158	n-Butyl Etherified High Imino Melamine Resin	High	n-Butylated	Solvent-compatible	Storage stability, strong adhesion	CYMEL® 1158, Beckamine® G
YDN8080A	Water-Based Melamine Resin	Moderate	Methylated	Water-soluble	Eco-friendly, good gloss, low VOC	Luwipal® 066, CYMEL® 327

Application Areas

- **Coatings:** Furniture, MDF, decorative, powder, and industrial metal finishes
- **Textiles:** Nonwoven bonding, wrinkle-free, durable-press finishing
- **Packaging:** Film and container coatings with chemical resistance
- **Electronics:** Heat- and flame-resistant protective coatings
- **Adhesives:** Lamination and panel bonding for construction
- **Construction:** High-durability coatings and sound/thermal insulation systems



★ Why Choose YDN Resin?

Proven Performance – Backed by Real Clients and Certifications

✓ China's Leading Vertical Manufacturer of Melamine Resin

Control from raw material to shipment ensures full traceability and reliability.

✓ 20+ Years Export Experience in 30+ Countries

Trusted across Asia, Europe, South America, and the Middle East.

✓ Certified & Compliant

All products are ISO 9001/14001/45001 certified and compliant with RoHS & REACH.

✓ In-House Innovation, Not Just Trading

We formulate and manufacture — with technical teams supporting application development, product matching, and on-site trials.

✓ Eco-Conscious & Future-Ready

Low-VOC, formaldehyde-free, and biodegradable resin systems available — meeting global green mandates.

✓ OEM / Private Label Ready

YDNResin

Pioneering Performance; Empowering Industry, Since 2002

Scalable solutions with branding, documentation, and logistics support for global clients.

✓ Flexible Packaging & Logistics

From 20L pails to IBC tanks, with on-time international shipping and CIF/DDP support.



✓ Proven in Real Projects


- ✓ Decorative paints for premium wood finishes in Eastern Europe
 - ✓ Nonwoven stiffening agents for medical & hygiene sectors in Southeast Asia
 - ✓ Coating crosslinkers used by auto suppliers in China, Turkey and Germany
 - ✓ Textile resins in use by garment manufacturers in Southeast Asia
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Contact Us

Ydnresin | A Division of YDN Group

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