

CALCIUM ZINC STABILIZER FOR PVC CALENDERED PRODUCTS

PRODUCTS

Grades	Heating Loss (%)	Thermal Stability	Lubrication
QY-801	≤ 3.0	5+	4+
QY-802	≤ 3.0	4+	5+

Appearance: White or yellowish powder

APPLICATIONS

Designed for PVC film, synthetic leather, matting, and other calendered products.

Suggested Dosage (PHR): 3.0 – 4.5

KEY ADVANTAGES

- **Safe and non-toxic formulation** that can fully replace traditional Ba/Zn, Ba/Cd, and organotin stabilizers.
- **Excellent thermal stability** during processing and long-term use.
- **No sulfur-related odor or discoloration**, ensuring cleaner and more reliable performance.
- **Good dispersion** in PVC formulations for consistent processing and appearance.
- **Enhanced adhesion performance**, supporting strong gluing and lamination results.
- **Improved printability**, enabling clean, sharp, and durable printing effects.
- **High color brightness and color fastness** in the final product.

SAFETY AND COMPLIANCE

Non-toxic formulation meeting the requirements of EU RoHS, PAHs, PFOS/PFOA, REACH-SVHC, and other major environment standards.



Disclaimer

The property values presented herein are typical values and are not to be interpreted as specification limits. The information in this document is believed to be accurate and reliable as of the date of publication; however, it is provided for general guidance only. This document is intended to support safe handling, use, processing, storage, transportation, and disposal of the product, and does not constitute a warranty or guarantee of any kind—express or implied—including, without limitation, any warranty of merchantability or fitness for a particular purpose. Users are responsible for determining the suitability of the product for their

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specific applications and for ensuring that its use complies with all applicable safety and legal requirements.

Regulatory Notes

This product is manufactured in compliance with applicable regional chemical control regulations. Regulatory status may vary by jurisdiction, and users should verify compliance with local requirements prior to use. Certification for specific applications (such as food contact, potable water, medical, or electrical uses) is not implied and must be confirmed separately upon request. Users are responsible for ensuring that the product, its additives, and any processing aids meet all relevant regulatory and end-use obligations.

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