

## CALCIUM ZINC STABILIZER FOR PVC RIGID TRANSPARENT PRODUCTS

### PRODUCTS

Grades	Heating Loss (%)	Thermal Stability	Lubrication
QY-700A	≤ 3.0	5+	4+
QY-700B	≤ 3.0	4+	5+

Appearance: White or yellowish powder.

### APPLICATIONS

Designed for PVC rigid transparent products:

- Rigid transparent PVC sheets (general purpose, high-clarity)
- Rigid transparent PVC films
- Transparent PVC profiles (edge trims, decorative strips, protective profiles)
- Transparent PVC blister and clamshell packaging
- Transparent PVC protective covers and guards
- Transparent PVC signage and display panels

Suggested Dosage (PHR): 1.5 – 2.5

### KEY ADVANTAGES

- **Safe and non-toxic formulation** that can fully replace traditional Ba/Zn, Ba/Cd, and organotin stabilizers.
- **Strong anti-verdigris and anti-hydrolysis performance**, delivering high transparency without fogging or odor generation.
- **Excellent initial color and long-term color retention**, enabling reduced dosage while maintaining performance.
- **Optimized lubrication and dispersion**, ensuring high compatibility with PVC resin and preventing plate-out during processing.

### SAFETY AND COMPLIANCE

Non-toxic formulation compliant with major environmental and safety standards, including heavy-metal requirements under EN71, EN1122, EPA 3050B, as well as EU RoHS, PAHs, and REACH-SVHC regulations.



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### 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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